

## **Public Utilities**



**Page Intentionally Left Blank**



## Department Description

Public Utilities is composed of four branches: Business Support, Water Quality, Distribution and Collection, and Potable Reuse and Strategic Programs. Each branch performs distinct functions as outlined below.

The Business Support Branch is comprised of the following divisions:

**Long-Range Planning and Water Resources** - This division provides long-range water resources planning and development, watershed and resource protection, water and wastewater legislation and policy analysis, and management of the City's recycled water and water conservation programs. The Division is also responsible for the management of follow-on work associated with the Water Purification Demonstration Project and Recycled Water Study. The follow-on work consists of a comprehensive look at examining potable reuse to provide a safe and reliable water source for the City's future.

**Finance and Information Technology** - This division provides administrative support for the Water and Wastewater Enterprise Funds including Information Systems, Budget Development and Monitoring, Accounts Payable, Rate Setting and Finance, and the Administration of Contracts, Grants, and State Revolving Fund (SRF) Loans.

**Customer Support** - This division provides high-quality customer-focused care and service to Public Utility Department patrons. The Division handles and responds to customer phone calls and emails, including account/billing inquiries, water conservation information, water waste complaints, and general water/sewer utility information. In addition, the Division is responsible for customer billing and payment processing, meter reading and code enforcement, customer compliance with State backflow device requirements, and providing public information.

The Water Quality Branch is comprised of the following divisions:

**Wastewater Treatment and Disposal** - This division operates and maintains a wastewater treatment plant, two water reclamation plants, a bio-solids processing facility, and eight large wastewater pump stations. With these facilities, the Division provides regional wastewater treatment and disposal services to the City of San Diego, as well as 12 surrounding cities and special districts.

**Water System Operations** - This division operates and maintains the City's raw water supply system, potable water treatment and distribution system, and the recycled water distribution system. This division also manages the

# Public Utilities

recreational program at the City's raw water reservoirs (lakes). Major facilities include nine raw water reservoirs (lakes), three water treatment plants, a recycled water distribution system with four pump stations and three reservoirs/tanks, and a complex and vast potable water distribution system with over 130 pressure zones, 49 pump stations, 29 tanks/reservoirs, and more than 950 pressure regulators. In addition, the Division provides corrosion engineering support and water supply operations management for the Department.

**Environmental Monitoring and Technical Services** - This division manages regulatory permits and provides permit compliance and monitoring services for the Water and Wastewater Systems and various treatment facilities to ensure that air and water quality standards are maintained to meet regulatory and environmental standards. Specifically, the Division provides various types of biological, chemical, and toxicological testing in the field and laboratory to fully monitor and assess the quality of the region's drinking water, wastewater, and residuals systems. The Division also conducts a comprehensive ocean monitoring program to assess the impact of wastewater discharge to San Diego's coastal ocean waters. Division staff also provides consultative scientific and technical assistance for the Department. The Division also includes the Industrial Wastewater Control Program (IWCP) which regulates industrial and commercial discharges to the sewer system to minimize toxic loadings and other incompatible discharges in order to maximize opportunities for beneficial reuse of wastewater and bio-solids. The IWCP issues permits that apply federal pre-treatment standards and plant-specific local discharge limits and performs facility inspections, sampling, and analysis of industrial waste streams to determine compliance with permit limits. The Program also develops commercial and industrial sewer billing rates for large users in compliance with State revenue guidelines.

The Collection and Distribution Branch is comprised of the following divisions:

**Wastewater Collection** - This division provides efficient operations and maintenance of the wastewater collection system, which consists of 3,019 miles of sewer mains and 75 sewer pump stations, as well as the Mission Bay and Coastal Low-Flow System consisting of 24 interceptor pump stations and 50 diversion structures. The Division also administers the Food Establishment Wastewater Discharge Permitting Program which permits and monitors over 5,000 food establishments to minimize the discharge of fats, oils, and grease into the wastewater collection system.

**Water Construction and Maintenance** - This division provides construction, maintenance, and emergency response for the potable water system. The Division maintains approximately 279,412 metered service connections, approximately 25,157 fire hydrants, and more than 28,917 isolation valves. The Division performs construction activities for the recycled distribution system citywide and provides 24-hour emergency response, water main repair, Capital Improvement Program (CIP) support, and the maintenance, installation, and replacement of water meters throughout the City.

The Strategic Programs Branch responsibilities are as follows:

**Employee Services and Quality Assurance** - This division provides employee and management services in the areas of human resources management, payroll, safety, security, training, and quality assurance. It also provides administrative support to the Independent Rates Oversight Committee and is involved in various internal business support services including contract formulation and administration, internal quality assurance audit support, management of Public Records Act requests, and records management.

**Asset Management** - This section coordinates Department activities that contribute to a unified methodology for asset management providing oversight, direction, and integration of activities to promote Public Utilities' goal of providing cost-effective water, recycled water, and wastewater services. The Section is responsible for the management of the Department's GIS system and data, as well as leading the implementation of an SAP-based Enterprise Asset Management system.

**Strategic Support Services** - This section coordinates the development of the Public Utilities Department five-year strategic business plan and coordinates the development and tracking of the annual strategic initiatives throughout the Department. Quarterly progress reports are coordinated and a final report is published for stakeholders and ratepayers. This team assists with, and tracks progress on, various consolidation and efficiency initiatives throughout

# Public Utilities

the Department. Progress reports are coordinated and a final report is published for stakeholders and ratepayers. The Section also conducts benchmarking studies for the Department and administers a Leadership Development Program and an Employee Opinion Survey to all Public Utilities employees.

The Potable Reuse and Strategic Programs Branch is comprised of the following divisions and responsibilities:

**Engineering and Program Management** - This division provides engineering services for Water, Wastewater, and Reclaimed Water Systems to ensure new facilities, repairs, and upgrades are planned and implemented in a fiscally sound manner to meet regulatory and environmental standards. The Division also provides long-range master planning, condition assessment, water and sewer modeling, planning and pre-design for infrastructure, energy management, environmental support, and oversight of the implementation of the Water, Wastewater, and Reclaimed Water System's Capital Improvement Program.

**Pure Water Program** - The Pure Water Program is a focused and coordinated effort to develop and execute a full-scale potable reuse implementation plan and to identify a permanent solution to the Point Loma Wastewater Treatment Plant Modified Permit. The Program will draw upon staffing and resources from throughout the Department.

## Oversight

The Independent Rates Oversight Committee (IROC) was established by ordinance in 2007 to serve as an official advisory body to the Mayor, City Council, and department management on policy issues related to the oversight of Public Utilities Department operations including, but not limited to, rate structures, cost effectiveness, resource management, planned expenditures, service delivery methods, public awareness and outreach efforts, and efforts to achieve high-quality, affordable utility services.

There are 11 voting members on the IROC, all of whom are appointed by the Mayor and confirmed by the City Council. The membership of IROC consists of representatives of each rate class and professional experts in such fields as finance, engineering, construction, and the environment. IROC meets monthly to review budgets, expenditures, performance activities, and issues for the Public Utilities Department. In addition, IROC has three subcommittees focused on finance, infrastructure and operations, as well as outreach and communication.

The Department's mission is:

*To ensure quality, reliability, and sustainability of water, wastewater, and recycled water services for the benefit of the ratepayers and citizens served*

## Goals and Objectives

The following goals and initiatives represent the Public Utilities Department's Fiscal Year 2014 Strategic Plan:

### ***Goal 1: Safe, reliable and efficient, water, wastewater, and recycled water services***

The Public Utilities Department is dedicated to its public health responsibilities of providing safe and reliable water and efficient wastewater and recycled water services. The Department strives to exceed all federal and State water quality standards, maintain and build needed infrastructure, and deliver water and wastewater services to customers efficiently and reliably. The Department will move toward accomplishing this goal by focusing on the following initiatives:

- Enterprise Asset Management (EAM) Project: Develop a user-friendly SAP Enterprise Asset Management consultant-assisted solution
- Condition Assessments: Complete major milestones included in the Asbestos Cement Water Mains Condition Assessment contract
- Accelerated Repair Program: Initiate an accelerated repair for distribution system water mains identified by the EPM Division using in-house resources

# Public Utilities

- Risk-Based Value Maintenance: Initiate a risk-based valve maintenance program to determine the maintenance schedule of every asset based on analysis of asset purpose, risk of failure, etc.
- Facility Vulnerability: Assess, update, and implement the Emergency Response Plan and security plans
- San Diego Metropolitan Sewerage System Strategy: Develop a strategy on all elements of the proposed future system-wide operations to meet permitting requirements

## ***Goal 2: Fiscally sound and effective public utility***

The Public Utilities Department utilizes strategic financial planning to ensure financial viability to operate and maintain the water and wastewater systems. The Department provides a fiscally sound, efficient organization that is responsive and dependable enhancing its long-term viability, accountability, ethics, and transparency as cornerstones upon which to build trust with customers. The Department will move toward accomplishing this goal by focusing on the following initiatives:

- Inter/Intra-Divisional Collaboration: Promote an employee service-oriented culture throughout the Department marked by increased cooperation and collaboration
- Customer Survey: Enhance the customer survey program and feedback process
- Public Education: Educate the public/stakeholders on the value of water, as well as the Department's efforts to reduce internal costs
- Optimize Production of Treatment Plants: Reduce per unit treatment costs by finding new markets
- Increased Transparency: Develop and implement strategies and approaches that enhance transparency and accountability to customers and stakeholders
- Game Changers: Evaluate the financial impact of "game changers" (e.g. Indirect Potable Reuse, Desalination, Point Loma)
- Cost Recovery Fees: Improve fee-based cost recovery

## ***Goal 3: Sustainable growth and economic viability***

The Department recognizes that water supplies are critical to preserving the quality of life, economic prosperity, and growth of the City. The Department identifies, evaluates, and plans short and long-term water demand and supply reliability options. The Department will move toward accomplishing this goal by focusing on the following initiatives:

- Complete Potable Reuse (PR) Implementation Studies: Complete PR Implementation studies on such areas as engineering, site, financing, cost allocation, resource allocation, etc.
- Effectively engage in legislative and regulatory arenas in order to promote the viability of Potable Reuse (PR) in San Diego and statewide
- Renewable Energy Initiatives Expansion: Reduce energy commodity consumption, peak demand, and greenhouse gas emissions; increase renewable energy production; and support the Mayor's Solar Energy Initiative
- Seawater Desalination Rate Structure: Pursue fair and equitable desalination rate allocation
- Pursue a rate structure that encourages conservation

## ***Goal 4: Responsive, safe, committed, and innovative workforce***

The Public Utilities Department is proud of its professional, technically proficient, and diverse workforce. The Department is dedicated to ensuring its employees have the training and equipment necessary to provide safe, reliable water, wastewater, and recycled services in a customer-friendly manner. The Department will continue to meet its goal of being a service-oriented and innovative utility through strategic workforce planning and by providing employees the knowledge, skills, and abilities necessary to perform their jobs safely. The Department will move toward accomplishing this goal by focusing on the following initiatives:

- Wellness Program: Develop a department-wide Wellness Program
- Efficiency/Effectiveness Studies: Conduct new and implement prior efficiency studies and develop a Process Narrative to document the process
- Knowledge Management: Engage in knowledge management and depth-building for at-risk positions with retirements on horizon
- Expedite Hiring: Expedite hiring for high turnover positions

# Public Utilities

- Leadership Development Program (LDP) Reinforcement: Provide continuing education opportunities to LDP alumni and foster a culture that supports application of Academy content

## Key Performance Indicators

| Performance Measure   | Actual FY2013   | Estimated FY2014 | Target FY2015 |
|---|-----------------|------------------|---------------|
| 1. Average number of days to respond to and resolve customer-initiated service investigations <sup>1</sup>    | 18.3            | 11.2             | 10.0          |
| 2. Miles of sewer mains replaced, repaired, and rehabilitated   | 52 <sup>2</sup> | 45               | 45            |
| 3. Miles of water mains replaced <sup>3</sup>   | 22.9            | 23.0             | 28.0          |
| 4. Number of Primary Maximum Contaminant Level (MCL) violations as a result of potable water quality sampling | 0               | 0                | 0             |
| 5. Number of sanitary sewer overflows (SSOs)  | 42              | 42               | 40            |
| 6. Number of water main breaks  | 111             | 83 <sup>4</sup>  | 108           |
| 7. Number of acute sewer main defects identified  | 45              | 48               | 48            |
| 8. Average time to repair identified acute sewer main defects (days)  | 33              | 25 <sup>5</sup>  | 25            |
| 9. Average time to repair water main breaks (hours)   | 9.0             | 9.0              | 9.0           |
| 10. Average daily water production (millions of gallons)  | 182             | 175.6            | 178.2         |
| 11. Number of recycled water use site inspections and shutdown tests conducted <sup>6</sup>                   | 1,306           | 1,750            | 1,900         |
| 12. All legal and financial covenants maintained  | Yes             | Yes              | Yes           |
| 13. All required reporting for bonds and loans completed on time  | Yes             | Yes              | Yes           |

1. Reduction from Fiscal Year 2013 to Fiscal Year 2014 due to implementation of work process improvements that enhanced efficiency. Target for Fiscal Year 2015 reflects commitment to continuous improvement.
2. Fiscal Year 2013 total includes several trunk sewers that the department was accelerating to meet EPA Consent Decree deadlines. The target continues to be 45 miles per year.
3. Reflects miles of water main awarded consistent with the requirements under the Department of Public Health Compliance Order
4. The number of breaks is unpredictable. Fiscal Year 2015 target is based on 3-year average from Fiscal Year 2011-2013. Fiscal Year 2014 estimated is based on actuals through December 31, 2013
5. Reduction from Fiscal Year 2013 due to Department's efforts to prioritize and quickly respond to defects.
6. The number of inspections increases along with the increase in the number of recycled water use sites. Additionally, there has been an increased focus on random inspections.

# Public Utilities

## Service Efforts and Accomplishments

### Asset Management

The Asset Management Program continued to work on transformational projects for the Department. The SAP Enterprise Asset Management (EAM) project management office has developed the citywide scope and budget for the fully integrated citywide project which received Independent Rates Oversight Committee and City Council Infrastructure Committee approval. The project management office has begun development of the Request for Proposal for the System Integrator. This SAP EAM system will replace legacy maintenance management systems and provide the Department with a consolidated and integrated software tool to maximize the efficient management of infrastructure through its full lifecycle. The project duration is three to four years. The Asset Management Program also completed assessment of the current usage of Geographical Information Systems (GIS) in the Department. This assessment includes a roadmap for the replacement of the existing GIS with the ESRI platform. The Program has also begun development of data management standards for the delivery of Condition Assessment data in support of the Department's Condition Assessment projects.

### Strategic Support Services

The Strategic Support Services Section coordinated the development of the Public Utilities Department Fiscal Year 2014 strategic planning process and monitoring of Fiscal Year 2013 Strategic Initiatives. This section conducted and coordinated Department benchmarking efforts and efficiency studies, managed a Leadership Development Program, and administered an Employee Opinion Survey to all Public Utilities employees.

### Long-Range Planning and Water Resources

**Water Conservation.** The Water Conservation Section provides commercial and residential customer rebates through its "Outdoor Water Conservation Rebates" grant project. This grant provides eligible customers with three different rebates to promote outdoor water conservation: Smart Controllers, Micro-Irrigation, and Sustainable Landscape-Turf Replacement. The ongoing goal is to conserve potable water while also reducing pollutant-laden dry weather urban runoff flows into streams, rivers, bays, etc. Through December 2013, the grant project issued 722 rebates totaling \$669,643 for smart controllers and micro-irrigation systems, as well as the replacement of high water-use turf areas with sustainable low water-use landscapes. Water savings generated from this program is estimated to be more than 15 million gallons per year.

The Water Conservation Section is continuing its partnership with the Storm Water Division on a rain barrel rebate program. Rain barrels capture and store rainfall for later use when connected to a roof downspout. Temporarily storing rainwater in rain barrels reduces storm water runoff and conserves potable water. Every 1,000 square feet of roof surface captures approximately 625 gallons of water for every inch of rain that falls. Through December 2013, the Water Conservation Section has rebated 379 rain barrels with an average size of 163 gallons for a total rebate amount of \$62,449.

**Water Planning.** In April 2013, the City Council unanimously adopted the Water Purification Demonstration Project (Demonstration Project) report. The key finding was that water purification is a feasible local water supply. Council's direction to staff was to determine a preferred implementation plan and schedule that considers water purification options for maximizing local water supply and reducing flows to Point Loma. The 2012 Recycled Water Study presented high-level concepts for achieving over 80 million gallons per day (mgd) of potable reuse. Those concepts were drawn upon as the starting point for developing an implementation plan. In Fiscal Year 2014, staff sought to refine them through the completion of:

1. Detailed studies of proposed advanced water purification sites and associated wastewater treatment facilities. The Recycled Water Study identified three possible sites for wastewater treatment and advanced water purification facilities. They include sites that are adjacent to the existing North City and South Bay Water Reclamation Plants (North City and South Bay), and the Harbor Drive site which is adjacent to the airport and Pump Station 2. Pump Station 2 conveys all of the flow that is eventually treated at the Point Loma Wastewater Treatment Plant. The studies determined that all three proposed sites can accommodate facilities of this scale.



# Public Utilities

2. Updated reuse facility costs and schedule. Findings from the above facility site studies were used to update the cost estimates and schedules originally developed during the 2012 Recycled Water Study.

Both the Demonstration Project and the Recycled Water Study considered only *indirect* potable reuse (IPR) wherein purified water would be retained in an environmental buffer before being conveyed to one of the City's water treatment plants. Interest in direct potable reuse (DPR) is growing throughout the state, and the California Department of Public Health is due to report on the feasibility of establishing DPR regulations by the end of 2016. As such, the Department completed the following in Fiscal Year 2014 related to DPR planning:

1. Evaluated the facilities needed to support DPR and their estimated cost.
2. Installed additional treatment equipment at the Advanced Water Purification Facility (AWPF). Approximately \$1.0 million worth of additional treatment equipment was installed to support grant-funded research of DPR treatment strategies. This research is evaluating the effectiveness of additional *treatment* steps that could compensate for the absence of a reservoir buffer. The research will be completed in Fiscal Year 2015.

The Department met with stakeholders from both the environmental community and the Metropolitan Participating Agencies (Metro PAs), on several occasions during Fiscal Year 2014. Key topics of discussion included progress on the above studies and the integration of potable reuse planning into the Point Loma permit renewal application. The Department also worked closely with the Metro PAs to finalize the framework for allocating potable reuse costs between water and wastewater funding sources.

**Portable Reuse Outreach.** At the April 2013 City Council meeting, staff was directed to continue outreach activities initiated as part of the Demonstration Project. These activities included speaker bureau presentations, community events and partnerships, a facility tour program, written and electronic materials, and traditional and social media. The information provided through these outlets focused on the results of the yearlong Demonstration Project and the next steps associated with implementation of a full-scale water purification facility in San Diego.

Major Fiscal Year 2014 milestones included recognition for water purification efforts from four prominent industry organizations. On September 18, 2013 the Planning and Conservation League honored the Demonstration Project with the Dorothy Green Water Award for its groundbreaking work in water purification. On November 5, 2013 the Industrial Environmental Association awarded the Department with an Environmental Excellence Award for its accomplishments in sustainability. On November 6, 2013 the American Water Resources Association awarded Deputy Director Marsi A. Steirer with the Mary H. Marsh Medal for Exemplary Contributions to the Protection and Wise Use of the Nation's Water Resources. On December 4, the Association of California Water Agencies awarded the outreach team with the Huell Howser Best in Blue award for achieving excellence in communications.

**Recycled Water Program.** Recycled water meter connections reached 581 (576 retail and 5 wholesale) by December 2013, a gain of 24 new meters in the past 12 months. In cooperation with the Park & Recreation Department, the team completed a large irrigation retrofit of Westview Park resulting in an estimated potable water savings of 13 acre feet per year. Forty-five percent of the retrofit costs were covered by federal and State grant funds resulting in project cost savings of over \$100,000.

By April 2014, the first of several remaining pipeline segments along the Highway 56 corridor, between Los Penasquitos and Carmel Valley, was completed. This first phase, along Camino Del Sur, will result in 30 new meter connections. Ultimately 70 to 100 new recycled water meter connections, along the Highway 56 corridor, are anticipated by the end of Fiscal Year 2015.

Sales of recycled water resulted in over \$2.8 million in financial savings toward imported water purchases in Fiscal Year 2014. These financial incentives are the result of local water resource development agreements with the Metropolitan Water District of Southern California and the San Diego County Water Authority.

**Water Reliability.** The Water Reliability Section completed the 2012 Long-Range Water Resources Plan (2012 Plan) and presented it to the City Council on December 10<sup>th</sup> 2013, obtaining unanimous approval. The Department

# Public Utilities

convened an 11-member stakeholder committee that provided guidance and input on alternative strategies for meeting San Diego's water needs through 2035. The 2012 Plan addresses population growth, water resource diversification, climate change, and other issues affecting water reliability.

The Public Utilities Department successfully negotiated a settlement agreement with the Sweetwater Authority on August 23, 2013 that allows the Department to transfer up to 2,600 acre-feet of locally produced groundwater per year from their expanded brackish groundwater desalination facility. The Department is currently working with the Real Estate Assets Department to identify and acquire property in the South Bay to construct a pump station to transfer this water from Sweetwater's system to the City's system.

A three-year Biological and Groundwater Resource Monitoring Report of the Santee-El Monte Groundwater Basin was completed. The report establishes baseline conditions to facilitate future monitoring and management of biological and groundwater resources during operation of planned groundwater extraction operations in the basin.

***Watershed and Resources Protection Team.*** The Watershed and Resources Protection Team manages 41,000 acres of land surrounding the City's reservoirs for the overarching purpose of source water protection. Two land acquisitions have added to the source water protection: a 95 acre preserve at San Vicente Reservoir and a 120 acre preserve at El Capitan Reservoir, both straddling tributary streams, and each with an endowment for management in perpetuity.

The Team is working with SANDAG to develop a joint wetlands mitigation bank on 462 acres in San Pasqual Valley.

Working with partners and using State and local grant funding, the Team has three habitat restoration projects underway (two at Otay and one at Hodges Reservoirs) that will restore 220 riparian or wetland acres immediately adjacent to City reservoirs. The Upper Otay Riparian Restoration Project (101 acres), with \$1.4 million State grant funding, was approved by Council in December and is underway. Agreements were executed for \$1.0 million State grant funding of the 100-acre San Dieguito Riparian Restoration Project.

***Integrated Regional Water Management (IRWM) Program.*** The San Diego IRWM Program is co-managed by the San Diego County Water Authority (Water Authority), the County of San Diego (County) and the City of San Diego. Staff from both the Transportation and Storm Water Department (Storm Water Division) and Public Utilities Department (Long-Range Planning and Water Resources Division) participates in the overall management of the IRWM Program. Public Utilities has the lead administrative role on behalf of the City.

In Fiscal Year 2014, an updated IRWM Plan was adopted by City Council, the County's Board of Supervisors and the Water Authority's Board of Directors. This Plan sets the priorities for state IRWM grant funding. To date, the San Diego region has been awarded \$33.0 million in state grant funding for water management related projects, plus an additional \$1.0 million to update the 2007 IRWM Plan. Another \$10.0 million award to the San Diego IRWM Program is currently being reviewed by DWR. The City of San Diego has been awarded, or is pending award of, \$14.0 million of the \$43.0 million IRWM grant funding made available to the region to date.

## Financial and Information Technology

This year, the IT Program led the implementation of a new Enterprise Daily Operations Reporting System which contains plant operational data from the Distributed Control System and Laboratory Information System. The IT Program, in conjunction with the Budget Section, developed and implemented the Vendor Invoice Tracking System (VITS), which routes and tracks accounts payable vouchers in order to streamline the invoice payment process. The IT Program is partnering with the Department Asset Management Program to have a GIS assessment performed to summarize the current GIS usage and requirements and develop a roadmap to migrate to the City standard, ESRI.

The Budget Section continues to provide service to other Public Utilities Department divisions and programs, as well as the Independent Rates Oversight Committee and Finance Sub-committee. The Section has refined financial reporting practices, and continually monitors the budget to identify budgetary savings. The Section also developed

# Public Utilities

Five-Year Operation and Maintenance projections and assisted in development of CIP cash flow projections in support of the Water and Wastewater Cost of Service Studies. The Accounts Payable group continues to implement process improvements and efficiencies in order to enhance customer service and improve the Department's on-time payment percentage, which reached 93 percent in January 2014, exceeding of the citywide target of 80 percent.

In Fiscal Year 2015, the Grants & Loans Section will focus their efforts on the pursuit of new grant funding opportunities to maximize possible award amounts for the Advanced Metering Infrastructure, Indirect Potable Reuse, Recycled Water, and Turf Replacement Rebate projects. In addition, the Section plans to begin conducting administrative monitoring tasks for over \$120.0 million in new State Revolving Fund (SRF) Loans for the following Water and Wastewater projects: \$6.2 million for Sewer Pipeline Replacement Segment W-1, \$18.7 million for University Avenue Pipeline Replacement, \$64.0 million for Alvarado 2<sup>nd</sup> Extension Pipeline & Morena Boulevard Cast Iron Replacement project, and \$31.2 million for Pump Station 2 Power Reliability & Surge Protection. The Section also anticipates receiving SRF Loan reimbursements for all 4 Metropolitan Biosolids Center projects (Storage Silos, Chemical System Implementation Phase 2, Odor Control Facility Upgrades and Dewatering Centrifuge Replacement) totaling approximately \$26.0 million.

In Fiscal Year 2014, the Rates & Finance Section completed the water system Cost of Service Study (COSS) and received Council approval to raise water rates by 7.25 percent effective January 1, 2014, and 7.5 percent effective January 1, 2015. In addition to raising rates, Council also adopted a four tier rate structure for Single-Family Residential customers to incentivize conservation. The Wastewater system COSS is expected to be completed in Fiscal Year 2015.

## **Customer Support**

The Customer Support Division responded to more than 351,000 water and sewer utility customer phone calls in the past year. Customer contacts included inquiries regarding customer billing and payment, service turn-on/turn-off, emergency services and repairs, water conservation, and general utility service questions. The Division also produced and sent 1.8 million water/sewer utility bills and processed 1.7 million customer payments totaling \$788.2 million.

The Division read more than 285,000 monthly/bi-monthly water meters, performed 55,000 shut-offs and service restorations, and continued rigorous efforts to protect the public water system by adding approximately 1,000 privately maintained backflow devices to its monitoring and annual testing.

The Division opened a new downtown walk-in payment center in October 2013 and added approximately 60 third-party payment locations, including Walmart and K-Mart stores, distributed throughout San Diego County in December 2013. The new locations provide customers additional convenience and faster more efficient processing of related payments. In early Fiscal Year 2015, the Division will be expanding customer call center hours to include evenings/weekends and completing the transition to a more proactive service delivery model.

The Department is streamlining meter reading and customer service operations, reducing non-revenue water and enhancing customer service by obtaining near real-time wireless electronic access to water meter information using Advanced Metering Infrastructure (AMI) technology. The AMI implementation underway includes approximately 11,500 of the total meter population, including all monthly read meters and bimonthly read meters in one pressure zone. Large meters that can no longer be maintained reliably are being replaced with newer meters fitted with AMI compatible registers. Once implemented, the Department can continue adding new devices in a steady, cost-effective manner. This project is scheduled to be completed by October 2014.

## **Employee Services and Quality Assurance**

The Human Resources team continued to support and lead the Department in four major service areas: performance management, employee health and wellness, hiring, and payroll. This section also implemented improvements to the departmental occupational health management program so that injured employees were transitioned back to productive work appropriately and expeditiously.

# Public Utilities

The Training Section was awarded reaccreditation status by the International Association for Continuing Education and Training (IACCET). This status allows the Public Utilities Department to offer continuing education units (CEU's) for all department employees who maintain professional certifications.

The Quality Assurance Section coordinated Department responses to the "Public Utilities Department's Valve Maintenance Program" and the "Public Utilities Department's Industrial Waste and Control Program" audits which were performed by the Office of the City Auditor. This section continues to track and monitor audit recommendations from these, as well as previous, internal and external audits to ensure recommendations are satisfied and implemented in a timely manner. This section also continues to support the Independent Rates Oversight Committee through meeting preparation, coordination of information requests, and facilitating the interface of the Committee and the City.

The Security Section began installation and implementation of a new security access system, which will eventually provide for centralized access control and monitoring of all Water and Wastewater facilities. The Section is also engaged in discussions with the consulting firm hired to perform vulnerability assessments and develop emergency response plans for the Public Utilities Department. This critical project will identify Water and Wastewater system vulnerabilities and provide a prioritized plan for security upgrades and/or redundancy to the system, modifications of operational procedures, and/or policy changes to mitigate identified risks to critical assets.

## Water Construction and Maintenance

The Water Construction and Maintenance Division continues to reduce the use of the Miramar Landfill through recycling and reusing material wherever possible in an effort to replicate the success of Fiscal Year 2010 when the Public Utilities Department was selected by the City of San Diego's Environmental Services Department as one of the recipients of Recycler of the Year for Waste Reduction and Recycling Awards Program. As of December 31<sup>st</sup>, 2013 the Division has recycled approximately 70,980 pounds of used water meters. The Capital Improvement Program Construction Section has completed nine water group jobs throughout the City. In addition, as the Department continues to move forward with the Automated Metering Infrastructure (AMI) program, the Meter Shop section has installed and retrofitted approximately 5,691 meters. The Division is also in the process of establishing a risk-based preventative maintenance program for valves and hydrants. Currently, preventative maintenance for all valves and hydrants are on a five-year rotational schedule. Implementing a risk-based maintenance program will give the Division the ability to perform preventative maintenance more often on older valves that are more susceptible to breaks without increasing labor costs. It will also allow the Division to perform preventative maintenance less frequently on newly installed valves and hydrants that are less likely to malfunction.

## Water System Operations

The Water System Operations Division continues to improve the water quality delivered to the Department's customers through both water treatment plant and potable water distribution system optimization and improvements. Throughout this past year, all three water treatment plants have delivered safe and reliable potable water.

The Division continues to actively participate with the American Water Works Association's (AWWA) Partnership for Safe Water Program (Partnership Program). The Partnership Program's mission is to improve the quality of drinking water delivered to customers of public water supplies by optimizing system operations. The City's Otay Water Treatment Plant (WTP) received the Director's Award of Recognition for the fifth consecutive year for Calendar Year 2012 from the Partnership Program. Otay WTP was one of only five water treatment plants to receive this "five consecutive years" national award. Also, the 2012 award was obtained while treating more challenging source water quality received from local reservoirs and recognizes outstanding performance by the Otay WTP staff team. The Otay WTP is currently preparing to submit their 2013 Performance Report to the Partnership Program. The City's Miramar WTP received the Director's Award of Recognition in 2012 and 2013 for its efforts related to the Partnership Program participation. It was one of only seven water treatment plants to be recognized with the Director's Award in 2013. In addition, the Miramar WTP applied for and received the Partnership Program's 2013 President's Award for outstanding performance, one of only five in the United States. The President's Award has

# Public Utilities

more stringent performance requirements and recognizes treatment plants that achieve the Partnership Program's rigorous turbidity standards throughout the year and are working to full optimization. The City's Alvarado WTP began its first year of active Partnership Program participation in 2013 and has implemented several optimizing projects. A performance report for the Alvarado WTP will be submitted to the Partnership in 2014. The City's Potable Water Distribution System Section actively participates in the Partnership Program and continues working towards improving water quality through optimized and customized performance improvements.

The Water System Operations Division also continues to work closely with the San Diego County Water Authority (SDCWA) on a variety of projects, programs, and agreements involving and/or impacting City water supply operations and water storage facilities. For example, SDCWA's San Vicente Dam Raise Project, which will raise the City's existing dam by 117 feet and increase local water storage in San Vicente by over 150,000 acre feet, requires critical coordination and review to ensure that City water supply operations are not impacted during construction. The Division's operations and engineering staff will be challenged to continue this effort as construction ends this year and the new facilities become operational.

Overall, Water System Operations staff continues to optimize the water treatment plants and water distribution system while providing drinking water quality that surpasses the required federal and State standards and treatment techniques. This effort is an indicator of the Staff's commitment to excellence in treatment and distribution system process optimization. Furthermore, these efforts demonstrated the commitment to deliver an aesthetically pleasing and safe product to all customers.

## Engineering and Program Management

The Engineering and Program Management Division continued its support of the efforts of the Department to reduce sewer spills and water main breaks and meet the requirements of the Final Consent Decree with the Environmental Protection Agency for the sewer system and the Compliance Order with the State Department of Public Health for the water system.

**Sewer Modeling.** The Division assessed the capacity of 123 trunk sewers and completed hydraulic modeling of 362.5 miles of the small diameter mains. The Division also completed Closed Circuit Television inspection of 54.96 miles of sewer mains and 768 manholes, and completed condition assessment of 57.35 miles of sewer mains and 1,580 manholes to determine the upgrade and maintenance plans. In addition, the Division analyzed 157 flow meters to identify the potential sources of rainwater inflows and infiltrations to plan for effective sewer system operations.

**Water Modeling.** The Division completed the potable recycled water model 2013 update for new facilities and customer demand; completed over 75 group job pipe sizing assessment studies and water study reviews for the potable and recycled water system; continued working on implementation of water quality online modeling, surge analysis, and pump station energy optimization model; and provided modeling support for the leak detection pilot study by the Brady/IBM team.

**Program Management.** The Division worked with the Public Works-Engineering Department to oversee the completion of 7.55 miles of replacement/rehabilitation/repair of sewer mains and the replacement of 7.64 miles of water mains between July 1, 2013 and December 31, 2013. In addition, the Division oversaw the construction completion of the MBC Receiving Tank Cleaning contract; completed the plans and specifications for Point Loma Digesters 7, N1/N2, C1/C2 Roof Repairs and Replacement project; and prepared four pipeline rehabilitation packages: AA-1, AB-1, AC-1 and AD-1, with a total of 29.5 miles.

**Water Master Planning and 10% Design.** The Division has hired Arcadis to develop Phase II of the Asbestos Cement (AC) Water Main Replacement Program, which will assess 2,100 miles of AC pipeline. The Division has also hired Simon Wong Engineering to conduct condition assessment of 12 potable water storage facilities. The Division has updated the Water CIP Prioritization List to include all new projects. The Division also completed the Miramar North City and Scripps Ranch Focus Areas of the Master Plan and transferred several capital improvement projects to the Public Works Department for execution of the design and construction.

# Public Utilities

***Wastewater Master Planning and Condition Assessment.*** The Division effectively procured and executed three consulting contracts, namely Three Water Transmission Pipelines, As-Needed Engineering Services for Wastewater Facilities, and Programmatic Wastewater Pipelines, with the intent to assess the condition of major water and wastewater facilities. Two additional consulting contracts were executed, specifically the As-Needed Engineering Consultant Services contract, which provides highly specialized technical services to assist the City in implementing multifaceted water/wastewater projects on an as-needed basis, and the Operation Optimization contract, which entails evaluating existing water and wastewater facilities and operations to determine where improvements in operational efficiencies and/or cost savings can be made. Lastly, the Division is in the process of addressing the rehabilitation of the Miramar Phase III and IV potable water transmission pipeline. Four pipe sections, identified through condition assessment process, will be replaced; the Condition Assessment Process will result in substantial savings to the City.

***Environmental and Canyon Access.*** The Division provides environmental, biological, and permitting support to the Division and to other Public Utilities Divisions. Environmental support includes providing direct support for Water and Wastewater emergency response programs, collection and maintenance of GIS datasets, monitoring of work in environmentally sensitive areas, and ensuring that all operations and maintenance activities of the Department comply with local, State, and federal environmental regulations. The Division continues to manage the habitat mitigation program in compliance with local, State, and federal environmental regulations, allowing the Department to use these sites to satisfy compensatory mitigation requirements for current and future water and sewer projects. The Division has initiated and completed various habitat re-vegetation projects associated with operations and maintenance of water and sewer pipelines and long-term access projects related to the Canyon Sewer and Long-Term Access Program. The Division continues to design, permit and construct new long-term access projects to meet operational demands.

***Energy Management.*** The Division successfully completed activities related to energy conservation and renewable energy. The Employee Development and Training Center will have its Energy and Climate Protection Audit completed by June 2014. The Department completed its 1.6 Megawatt(MW) landfill gas fuels renewable energy power plant at the North City Water Reclamation Plant in January 2014. The Division has completed the design of installation of eight emergency generators at major sewer pump stations and wastewater facilities, and construction has begun. A design-builder was selected for the installation of photovoltaic systems at the Metro Operation Center and at the Bayview Water Pump Station & Reservoir for a total installation of about 1MW. Additionally, a 1MW size system is being designed for the Miramar Water Treatment Plant's new clearwell roofs.

## ***Environmental Monitoring and Technical Services***

The Division successfully executed the National Pollutant Discharge Elimination System-mandated ocean-monitoring program for the Point Loma and South Bay ocean outfall regions, which encompasses an area of coastal waters greater than 340 square miles and includes the collection and analysis of thousands of samples of ocean water, sediments, and marine life, and required more than 200 days of boat operations. The Program also provides ocean-monitoring services to the International Boundary and Water Commission, which was responsible for recovering approximately \$1.0 million in Fiscal Year 2014.

The Division also completed the fourth year of a 4-year agreement with the Scripps Institute for Oceanography (SIO) to monitor the health of the San Diego region's kelp forest ecosystem, and approval to extend this agreement for another five years is currently underway. This long-term project is critical in order to achieve the City's enhanced ocean monitoring objectives to ensure the protection of San Diego's coastal marine environment. The Division also participated successfully in all phases of the summer 2013 kickoff of the Bight '13 Southern California Bight Regional Monitoring Program.

The State of California re-certified the Marine Microbiology Laboratory to perform microbiological analysis of drinking water. The Division now has two separate certified facilities, which allows the Department to be better prepared to handle public health or natural disaster emergencies impacting the drinking water system. The Division also maintained United States Environmental Protection Agency certification for Cryptosporidium Analysis (a microscopic parasite that causes the diarrheal disease cryptosporidiosis). The Laboratory and staff continue to be one of only several in Southern California and the only one in the San Diego area with this certification.

# Public Utilities

The Division oversees storm water and air quality regulatory compliance for all water and wastewater operations, including the management of approximately 150 air quality permits for facilities and equipment, eight industrial storm water permits for wastewater sites, and the City's Jurisdictional Urban Runoff Management Plan that affects all facilities. This effort includes performing internal compliance audits to identify and correct deficiencies to help the Department comply with the complex regulations.

The Division successfully executed EPA and CDPH-required regulatory monitoring of San Diego's source waters, water filtration plants, and drinking water distribution system. Stage 2 Disinfection By-Product Monitoring continues at sixteen sites in the distribution system, and monitoring continues for the EPA Unregulated Contaminant Monitoring Rule. Enhanced monitoring of impound reservoirs in the distribution system was extended and expanded to support the Department's Nitrification Action Plan. The Division works with the Long-Range Planning and Water Resources Division to investigate customer and departmental concerns regarding potential water leaks and provides monitoring in an effort to identify future water sources. EMTS and LRP also collaborated to execute the winter portion of the Lower Otay Tracer Study in support of potential Indirect Potable Reuse initiatives.

The Division maintains an active in-house monitoring program of its nine drinking source water reservoirs for the *Quagga mussel*, an invasive species first seen in California in 2007. Proactive monitoring assists the Department with optimizing maintenance and control efforts designed to minimize the impact to the raw water delivery and treatment infrastructure, as well as the reservoir recreation facilities.

The Division regulates and bills for sewer discharges not originating from metered potable water connections known as "imported" flows. Cost of conveyance and treatment of these flows, such as seawater and extracted groundwater from remediation and construction projects, would otherwise be borne by sewer ratepayers. The Division recovered approximately \$1.9 million in Fiscal Year 2014 for the conveyance and treatment of these flows. Additionally, the Division recovered approximately \$2.0 million in Fiscal Year 2014 from the continued operation of the dump site for hauled liquid waste from septic systems and specifically permitted industrial liquid wastes, and the conveyance and treatment of these flows. This highly valued service provided to the San Diego area is the only industrial liquid waste dump station in San Diego County.

## Wastewater Collection

The Division continued its success as the leader among large cities in the nation in reducing the number of sanitary sewer overflows (SSOs). There were 42 SSOs in Fiscal Year 2013. While slightly higher than the 36 SSOs in Fiscal Year 2012, this statistic remains indicative of aggressive and successful overflow prevention and a 10 percent reduction program, and represents an 87 percent reduction from the level experienced in Fiscal Year 2001. It also represents a ratio of 1.39 SSOs per 100 miles of sewer main, well below the industry standard of 2.0 SSOs per 100 miles of main.

The Division is projecting 42 SSOs in Fiscal Year 2014 based on mid-year statistics. Continued reduction in SSOs is a daunting objective when current SSO levels are at less than 70 percent of the industry standard, but the Division is determined that there are still efficiencies to be gained, both in cleaning techniques and proactive attention to infrastructure defects that can help achieve this goal. The Division will redouble its efforts to maintain or improve upon this achievement in SSO prevention and reduction.

The Food Establishment Wastewater Discharge (FEWD) Permit Program has continued to be the model Fats, Oils and Greases (FOG) Program for other jurisdictions to follow. FEWD has shared its inspection techniques and successes with other jurisdictions and continues to find ways to improve. In Fiscal Year 2013, FEWD had 5,312 active Food Service Establishments (FSE). Of these, FEWD performed 7,506 site inspections at 2,120 unique FSEs. FEWD issued 1,970 FEWD permits (a 3-year permit) and 75 Notice of Violations and performed a record 913 plan checks. FEWD also assists the Public Information Office in the Residential FOG Outreach and staffs a booth at the San Diego County Apartment Association Convention and at the 2013 Earth Fair. The hallmark of a successful FOG program is the reduction of FOG-caused SSOs. In Fiscal Year 2013, there were five SSOs primarily caused by FOG; of these, two were attributed to a mixture of commercial FSEs and residential areas, two were attributed to residential only areas, and one SSO was unknown with no FSEs or residents in the area. There were no primarily FOG-caused

# Public Utilities

SSOs by only commercial FSEs. Having ingrained the FOG best management practices at commercial FSEs, FEWD is looking into ways to expand the residential outreach program to have the same kind of impact in reducing residential FOG SSOs.

The Division's Construction Section has expanded its scope of services during the past year to include execution of smaller (manhole-to-manhole) capital improvement projects (CIPs) in cases where critical defects are identified. This effort has proven effective in reducing CIP backlogs, as these projects do not have to compete with other, larger projects for prioritization, and has also enabled the division to "fast-track" these repairs, thus eliminating the potential for a spill hazard by removing the defects.

For Fiscal Year 2013, the Main Cleaning Section cleaned a total of 2,340 miles of sewer main, compared to 2,062 miles of sewer main cleaned in Fiscal Year 2012, which represents nearly a 14 percent increase in productivity with the same staffing levels as in Fiscal Year 2012. Mileage statistics at mid-year suggest the Division will clean more than 2,100 miles of sewer main in Fiscal Year 2014.

The Division also successfully completed International Standardization Organization (ISO) audits with no major non-conformities, thus retaining its ISO 14001 certification.

A notable accomplishment during 2013 was the Division's recognition as the regional Large Collection System of the Year for the second consecutive year by the California Water Environment Association. Additionally, the Division was recognized as having the best large collection system in the entire State of California. These awards exemplify the Division's status as a statewide and national leader in the wastewater collection industry.

## Wastewater Treatment and Disposal

As 2013 was the 50th Anniversary of the San Diego Metropolitan Wastewater System, the Division reflected back on all the improvements made over the past 50 years and focused in on completing significant maintenance activities at these vital facilities and providing vigilant wastewater treatment service. The Division was recognized by the Industrial Environmental Association and received the 2013 Environmental Excellence Award for Sustainable Programs.

Software upgrades were made at water reclamation plants and major pump stations. The upgrades for the North City Water Reclamation Plant (NCWRP), Penasquitos Pump Station, Pump Station 1, and Pump Station 2 were initiated to enhance the reliability of the treatment system. Benefits of the completed upgrades at the Point Loma Wastewater Treatment Plant (PLWTP) and Metropolitan Biosolids Center (MBC) are being maximized and increased reliability and effectiveness of the treatment system is being experienced.

With the interim installation complete, six 2,000 kW emergency generators are now available if a regional outage occurs that affects Pump Station 1, Pump Station 64, Pump Station 65, and the Penasquitos Pump Station. The installation of an emergency generator at NCWRP is in progress. These emergency generators can be activated by staff during an outage. The Division's electrical staff is working diligently with necessary personnel in the City, as well as outside agencies, such as San Diego Gas & Electric and the Air Pollution Control District, to develop a plan for the implementation of permanent installation of these generators while adhering to the National Electric Code. The permanent installation will provide a seamless initiation of the generators when a power outage occurs.

The Department's renewable energy portfolio continued to generate revenue and save the Department approximately \$5.0 million in operating costs. Further energy savings will be realized from the new power plant unit installed and now operational at NCWRP, which will operate on additional available landfill gas. This new power plant joins the three existing co-generation facilities, which generate electric energy fueled by digester gas and/or landfill gas.

Staff has also completed many significant maintenance activities including:

- PLWTP: Cleaned three 3.6 million-gallon wastewater digesters, which treat the solids generated in the process;



## Public Utilities

- Rehabilitated two of the three gas burners which addresses any excess methane that is unable to be used for energy production;
- Replaced the very large water softener system which is a key component for the odor control equipment;
- Cleaned all the power centers which will ensure reliable plant operation;
- MBC: Cleaned one 550,000 gallon raw solids receiving tank and replaced all valves on one of the three digesters;
- SBWRP: Installed a new 250hp jockey pump to save energy and better meet the varying demands for recycled water;
- NCWRP: Installed new major electrical transformer to ensure reliable power transmission;
- Pump Station 2: Rehabilitated the 36-inch cone valve which keeps the wastewater from flowing back into the station as it is pumped to PLWTP.



**Page Intentionally Left Blank**

## Department Summary

|                                      | FY2013<br>Actual      | FY2014<br>Budget      | FY2015<br>Proposed    | FY2014–2015<br>Change |
|--------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| FTE Positions (Budgeted)             | 1,574.52              | 1,563.59              | <b>1,596.45</b>       | 32.86                 |
| Personnel Expenditures               | \$ 138,973,457        | \$ 154,689,455        | <b>\$ 155,280,947</b> | \$ 591,492            |
| Non-Personnel Expenditures           | 586,120,985           | 625,940,031           | <b>655,876,019</b>    | 29,935,988            |
| <b>Total Department Expenditures</b> | <b>\$ 725,094,442</b> | <b>\$ 780,629,486</b> | <b>\$ 811,156,966</b> | <b>\$ 30,527,480</b>  |
| <b>Total Department Revenue</b>      | <b>\$ 855,775,034</b> | <b>\$ 837,703,113</b> | <b>\$ 886,201,900</b> | <b>\$ 48,498,787</b>  |

## General Fund

### Department Expenditures

|              | FY2013<br>Actual    | FY2014<br>Budget    | FY2015<br>Proposed  | FY2014–2015<br>Change |
|--------------|---------------------|---------------------|---------------------|-----------------------|
| Water        | \$ 1,957,301        | \$ 1,969,446        | <b>\$ 1,751,100</b> | \$ (218,346)          |
| <b>Total</b> | <b>\$ 1,957,301</b> | <b>\$ 1,969,446</b> | <b>\$ 1,751,100</b> | <b>\$ (218,346)</b>   |

### Significant Budget Adjustments

|  | FTE         | Expenditures        | Revenue     |
|--|-------------|---------------------|-------------|
| <b>Non-Discretionary Adjustment</b>  | 0.00        | \$ 35,754           | \$ -        |
| Adjustment to expenditure allocations that are determined outside of the department's direct control. These allocations are generally based on prior year expenditure trends and examples of these include utilities, insurance, and rent. |             |                     |             |
| <b>San Dieguito River Park JPA</b>   | 0.00        | (254,100)           | -           |
| Adjustment to reflect the reduction of funding for the San Dieguito River Park Joint Powers Authority (JPA).   |             |                     |             |
| <b>Total</b>   | <b>0.00</b> | <b>\$ (218,346)</b> | <b>\$ -</b> |

### Expenditures by Category

|                               | FY2013<br>Actual    | FY2014<br>Budget    | FY2015<br>Proposed  | FY2014–2015<br>Change |
|-------------------------------|---------------------|---------------------|---------------------|-----------------------|
| <b>NON-PERSONNEL</b>          |                     |                     |                     |                       |
| Supplies                      | \$ 80,758           | \$ 37,300           | <b>\$ 61,800</b>    | \$ 24,500             |
| Contracts                     | 1,534,301           | 1,927,146           | <b>1,648,396</b>    | (278,750)             |
| Energy and Utilities          | 337,729             | 5,000               | <b>39,889</b>       | 34,889                |
| Other                         | 1,672               | -                   | -                   | -                     |
| Transfers Out                 | -                   | -                   | <b>1,015</b>        | 1,015                 |
| Capital Expenditures          | 2,842               | -                   | -                   | -                     |
| <b>NON-PERSONNEL SUBTOTAL</b> | <b>1,957,301</b>    | <b>1,969,446</b>    | <b>1,751,100</b>    | <b>(218,346)</b>      |
| <b>Total</b>                  | <b>\$ 1,957,301</b> | <b>\$ 1,969,446</b> | <b>\$ 1,751,100</b> | <b>\$ (218,346)</b>   |

### Revenues by Category

|                      | FY2013<br>Actual  | FY2014<br>Budget  | FY2015<br>Proposed | FY2014–2015<br>Change |
|----------------------|-------------------|-------------------|--------------------|-----------------------|
| Charges for Services | \$ 989,809        | \$ 940,000        | <b>\$ 940,000</b>  | \$ -                  |
| Other Revenue        | 8,647             | -                 | -                  | -                     |
| <b>Total</b>         | <b>\$ 998,456</b> | <b>\$ 940,000</b> | <b>\$ 940,000</b>  | <b>\$ -</b>           |

# Public Utilities

## Metropolitan Sewer Utility Fund

### Department Expenditures

|                                 | FY2013<br>Actual      | FY2014<br>Budget      | FY2015<br>Proposed    | FY2014–2015<br>Change |
|---------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Metropolitan Wastewater - Metro | \$ 93,936,352         | \$ 87,852,743         | \$ <b>88,512,101</b>  | \$ 659,358            |
| Public Utilities                | 102,003,410           | 119,231,152           | <b>124,073,922</b>    | 4,842,770             |
| <b>Total</b>                    | <b>\$ 195,939,762</b> | <b>\$ 207,083,895</b> | <b>\$ 212,586,023</b> | <b>\$ 5,502,128</b>   |

### Department Personnel

|                                 | FY2013<br>Budget | FY2014<br>Budget | FY2015<br>Proposed | FY2014–2015<br>Change |
|---------------------------------|------------------|------------------|--------------------|-----------------------|
| Metropolitan Wastewater - Metro | 356.84           | 255.90           | <b>269.40</b>      | 13.50                 |
| Public Utilities                | 94.05            | 191.45           | <b>196.10</b>      | 4.64                  |
| <b>Total</b>                    | <b>450.89</b>    | <b>447.35</b>    | <b>465.50</b>      | <b>18.14</b>          |

### Significant Budget Adjustments

|  | FTE  | Expenditures | Revenue |
|--|------|--------------|---------|
| <b>Repair and Maintenance Expenditures</b>   | 0.00 | \$ 7,180,000 | \$ -    |
| Adjustment to reflect the addition of funding for repair and maintenance expenditures at various wastewater facilities.  |      |              |         |
| <b>Support for Portable Reuse Program</b>  | 4.16 | 2,608,572    | -       |
| Adjustment to reflect the addition of staffing and support for the Potable Reuse Program.  |      |              |         |
| <b>Facility/Infrastructure Condition Assessments</b>   | 0.00 | 2,379,231    | -       |
| Adjustment to reflect the addition of funding for facility and infrastructure condition assessment projects.   |      |              |         |
| <b>State Revolving Fund (SRF) Adjustment</b>   | 0.00 | 2,078,842    | -       |
| Adjustment to reflect the addition of funding for SRF loan repayments.   |      |              |         |
| <b>Non-Discretionary Adjustment</b>  | 0.00 | 973,726      | -       |
| Adjustment to expenditure allocations that are determined outside of the department's direct control. These allocations are generally based on prior year expenditure trends and examples of these include utilities, insurance, and rent. |      |              |         |
| <b>Scientific and Planning Studies</b>   | 0.00 | 660,000      | -       |
| Adjustment to reflect the addition of funding for various scientific and planning studies.   |      |              |         |
| <b>Point Loma Water Treatment Plant Waiver Application</b>   | 0.00 | 650,000      | -       |
| Adjustment to reflect the addition of funding to support the Point Loma Wastewater Treatment Plant permit application.   |      |              |         |
| <b>Public Utilities Restructure</b>  | 9.20 | 631,149      | -       |
| Reallocation among funds to more accurately reflect operational expenditures as well as an adjustment due to efficiencies realized.  |      |              |         |
| <b>Laboratory Supplies and Equipment</b>   | 0.00 | 610,000      | -       |
| Adjustment to reflect the addition of funding for laboratory supplies, equipment and facility improvements.  |      |              |         |
| <b>Enterprise Asset Management and GIS Support</b>   | 0.33 | 343,141      | -       |
| Adjustment to reflect the addition of funding and staff support for the Enterprise Asset Management (EAM) and Geographic Information Systems (GIS) projects.   |      |              |         |

# Public Utilities

## Significant Budget Adjustments (Cont'd)

|   | FTE    | Expenditures | Revenue  |
|---|--------|--------------|----------|
| <b>Continuation of Core Operations</b><br>Adjustment to reflect the addition of staffing for the continuation of core operations.   | 3.00   | 293,346      | -        |
| <b>Conservation Programs</b><br>Adjustment to reflect the addition of staffing and support for conservation outreach and rebate programs.   | 0.00   | 210,000      | -        |
| <b>Quality Assurance Workplan</b><br>Adjustment to reflect the addition of funding to support the Quality Assurance workplan and other employee services.   | 1.15   | 191,723      | -        |
| <b>Security Enhancements</b><br>Adjustment to reflect the addition of funding for security enhancements at water and wastewater facilities.   | 0.00   | 190,276      | -        |
| <b>Program Manager</b><br>Addition of 1.00 Program Manager to coordinate and manage the Wastewater and Water Construction & Maintenance branch.   | 0.33   | 61,450       | -        |
| <b>Non-Standard Hour Personnel Funding</b><br>Adjustment to expenditures according to a zero-based annual review of non-standard hour personnel funding requirements.   | 0.78   | 35,776       | -        |
| <b>Graphic Designer</b><br>Addition of 1.00 Graphic Designer for the Public Utilities Department.   | 0.33   | 26,686       | -        |
| <b>Supplemental Cost of Living Adjustment (COLA)</b><br>Adjustment to reflect the allocation of the pay-go costs for the continued funding of the Supplemental COLA Benefit.  | 0.00   | 9,433        | -        |
| <b>Reclassification of IT Expenditures</b><br>Adjustment reflects the reclassification of information technology expenditures.  | 0.00   | 8,250        | -        |
| <b>Equipment/Support for Information Technology</b><br>Adjustment to expenditure allocations according to a zero-based annual review of information technology funding requirements and priority analyses.  | 0.00   | (229,855)    | -        |
| <b>Refunds to Participating Agencies</b><br>Adjustment to reflect refunds to Participating Agencies that were overbilled.   | 0.00   | (656,960)    | -        |
| <b>Salary and Benefit Adjustments</b><br>Adjustments to reflect the annualization of the Fiscal Year 2014 negotiated salary compensation schedule, changes to savings resulting from positions to be vacant for any period of the fiscal year, retirement contributions, retiree health contributions, and labor negotiation adjustments. | (1.14) | (679,861)    | -        |
| <b>Support for COMNET</b><br>Adjustment to reflect the reduction in contractual support for the Computerized Neighborhood Environment Tracking (COMNET) System.   | 0.00   | (950,000)    | -        |
| <b>One-Time Reductions and Annualizations</b><br>Adjustment to reflect the removal of one-time revenues and expenditures, and the annualization of revenues and expenditures, implemented in Fiscal Year 2014.  | 0.00   | (11,122,797) | (18,844) |

# Public Utilities

## Significant Budget Adjustments (Cont'd)

|   | FTE          | Expenditures        | Revenue              |
|---|--------------|---------------------|----------------------|
| <b>Revised Revenue</b>                                      | 0.00         | -                   | 10,678,900           |
| Adjustment to reflect Fiscal Year 2015 revenue projections. |              |                     |                      |
| <b>Total</b>  | <b>18.14</b> | <b>\$ 5,502,128</b> | <b>\$ 10,660,056</b> |

## Expenditures by Category

|                               | FY2013<br>Actual      | FY2014<br>Budget      | FY2015<br>Proposed    | FY2014-2015<br>Change |
|-------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| <b>PERSONNEL</b>              |                       |                       |                       |                       |
| Personnel Cost                | \$ 26,942,123         | \$ 27,794,779         | \$ 28,751,544         | \$ 956,765            |
| Fringe Benefits               | 16,862,012            | 19,116,285            | 19,373,560            | 257,275               |
| <b>PERSONNEL SUBTOTAL</b>     | <b>43,804,135</b>     | <b>46,911,064</b>     | <b>48,125,104</b>     | <b>1,214,040</b>      |
| <b>NON-PERSONNEL</b>          |                       |                       |                       |                       |
| Supplies                      | \$ 36,411,853         | \$ 20,390,282         | \$ 20,010,424         | \$ (379,858)          |
| Contracts                     | 28,531,186            | 51,573,204            | 54,797,792            | 3,224,588             |
| Information Technology        | 3,987,858             | 5,302,312             | 5,026,153             | (276,159)             |
| Energy and Utilities          | 12,810,891            | 13,702,892            | 14,924,881            | 1,221,989             |
| Other                         | 126,157               | 106,040               | 106,040               | -                     |
| Appropriated Reserve          | -                     | 3,500,000             | 3,500,000             | -                     |
| Transfers Out                 | 63,066,233            | 64,335,869            | 64,288,546            | (47,323)              |
| Capital Expenditures          | 804,627               | 1,246,977             | 1,791,828             | 544,851               |
| Debt                          | 6,396,821             | 15,255                | 15,255                | -                     |
| <b>NON-PERSONNEL SUBTOTAL</b> | <b>152,135,627</b>    | <b>160,172,831</b>    | <b>164,460,919</b>    | <b>4,288,088</b>      |
| <b>Total</b>                  | <b>\$ 195,939,762</b> | <b>\$ 207,083,895</b> | <b>\$ 212,586,023</b> | <b>\$ 5,502,128</b>   |

## Revenues by Category

|                                 | FY2013<br>Actual     | FY2014<br>Budget     | FY2015<br>Proposed    | FY2014-2015<br>Change |
|---------------------------------|----------------------|----------------------|-----------------------|-----------------------|
| Charges for Services            | \$ 71,735,690        | \$ 69,234,844        | \$ 69,139,000         | \$ (95,844)           |
| Fines Forfeitures and Penalties | 333,992              | -                    | -                     | -                     |
| Other Revenue                   | 225,188              | -                    | 100,000               | 100,000               |
| Rev from Money and Prop         | 578,839              | -                    | -                     | -                     |
| Rev from Other Agencies         | -                    | 22,947,000           | 33,602,900            | 10,655,900            |
| Transfers In                    | 3,404,022            | -                    | -                     | -                     |
| <b>Total</b>                    | <b>\$ 76,277,731</b> | <b>\$ 92,181,844</b> | <b>\$ 102,841,900</b> | <b>\$ 10,660,056</b>  |

## Personnel Expenditures

| Job<br>Number                   | Job Title / Wages             | FY2013<br>Budget | FY2014<br>Budget | FY2015<br>Proposed | Salary Range        | Total      |
|---------------------------------|-------------------------------|------------------|------------------|--------------------|---------------------|------------|
| <b>FTE, Salaries, and Wages</b> |                               |                  |                  |                    |                     |            |
| 20000011                        | Account Clerk                 | 4.51             | 4.51             | 4.51               | \$31,491 - \$37,918 | \$ 167,576 |
| 20000007                        | Accountant 3                  | 0.57             | 0.57             | 0.33               | 59,363 - 71,760     | 23,676     |
| 20000102                        | Accountant 4                  | 0.38             | 0.38             | 0.33               | 66,768 - 88,982     | 29,365     |
| 20000012                        | Administrative Aide 1         | 0.38             | 0.38             | 1.26               | 36,962 - 44,533     | 52,383     |
| 20000024                        | Administrative Aide 2         | 6.28             | 5.96             | 6.28               | 42,578 - 51,334     | 311,776    |
| 20000057                        | Assistant Chemist             | 27.00            | 26.00            | 26.00              | 53,789 - 65,333     | 1,538,226  |
| 90000057                        | Assistant Chemist - Hourly    | 0.00             | 0.35             | 0.00               | 53,789 - 65,333     | -          |
| 20001140                        | Assistant Department Director | 0.33             | 0.33             | 0.66               | 31,741 - 173,971    | 92,397     |
| 20000070                        | Assistant Engineer-Civil      | 9.68             | 8.61             | 8.22               | 57,866 - 69,722     | 524,127    |

# Public Utilities

## Personnel Expenditures (Cont'd)

| Job Number | Job Title / Wages                            | FY2013 Budget | FY2014 Budget | FY2015 Proposed | Salary Range     | Total   |
|------------|--|---------------|---------------|-----------------|------------------|---------|
| 20000087   | Assistant Engineer-Mechanical                | 0.33          | 0.61          | <b>0.61</b>     | 57,866 - 69,722  | 42,529  |
| 20000080   | Assistant Laboratory Technician              | 1.00          | 1.00          | <b>1.00</b>     | 33,696 - 40,602  | 40,602  |
| 20000041   | Assistant Management Analyst                 | 0.33          | 0.33          | <b>0.33</b>     | 44,470 - 54,059  | 17,843  |
| 20001228   | Assistant Metropolitan Wastewater Director   | 0.33          | 0.33          | <b>0.33</b>     | 31,741 - 173,971 | 46,199  |
| 20000140   | Associate Chemist                            | 8.00          | 7.25          | <b>7.25</b>     | 62,005 - 75,067  | 527,714 |
| 90000140   | Associate Chemist - Hourly                   | 1.05          | 0.00          | <b>0.00</b>     | 62,005 - 75,067  | -       |
| 20000311   | Associate Department Human Resources Analyst | 1.65          | 1.65          | <b>1.65</b>     | 54,059 - 65,333  | 100,381 |
| 20000143   | Associate Engineer-Civil                     | 10.21         | 9.44          | <b>10.00</b>    | 66,622 - 80,454  | 707,752 |
| 20000145   | Associate Engineer-Civil                     | 1.09          | 0.90          | <b>0.50</b>     | 66,622 - 80,454  | 39,839  |
| 90000143   | Associate Engineer-Civil - Hourly            | 0.50          | 0.35          | <b>0.35</b>     | 66,622 - 80,454  | 23,318  |
| 20000150   | Associate Engineer-Electrical                | 2.33          | 2.61          | <b>2.61</b>     | 66,622 - 80,454  | 208,375 |
| 20000154   | Associate Engineer-Mechanical                | 0.45          | 0.61          | <b>0.61</b>     | 66,622 - 80,454  | 40,642  |
| 20000119   | Associate Management Analyst                 | 11.68         | 11.76         | <b>11.94</b>    | 54,059 - 65,333  | 733,321 |
| 20000132   | Associate Management Analyst                 | 0.00          | 0.25          | <b>0.25</b>     | 54,059 - 65,333  | 13,512  |
| 20000137   | Associate Management Analyst                 | 1.98          | 0.00          | <b>0.00</b>     | 54,059 - 65,333  | -       |
| 20000134   | Associate Management Analyst                 | 0.38          | 0.38          | <b>0.33</b>     | 54,059 - 65,333  | 21,456  |
| 20000162   | Associate Planner                            | 0.32          | 0.66          | <b>0.66</b>     | 56,722 - 68,536  | 43,441  |
| 20000655   | Biologist 2                                  | 6.00          | 6.00          | <b>6.00</b>     | 53,726 - 65,333  | 311,505 |
| 20000649   | Biologist 3                                  | 0.00          | 0.24          | <b>0.24</b>     | 62,005 - 75,067  | 7,332   |
| 20000648   | Biologist 3                                  | 1.00          | 1.00          | <b>1.00</b>     | 62,005 - 75,067  | 75,067  |
| 20000195   | Boat Operator                                | 1.00          | 1.00          | <b>1.00</b>     | 43,493 - 51,896  | 51,118  |
| 20000205   | Building Service Supervisor                  | 2.00          | 1.34          | <b>1.34</b>     | 45,718 - 55,286  | 67,288  |
| 20000224   | Building Service Technician                  | 2.00          | 2.34          | <b>2.34</b>     | 33,322 - 39,666  | 90,064  |
| 20000539   | Clerical Assistant 2                         | 9.46          | 8.85          | <b>8.70</b>     | 29,931 - 36,067  | 305,388 |
| 20001168   | Deputy Director                              | 3.14          | 2.60          | <b>2.60</b>     | 46,966 - 172,744 | 308,553 |
| 90001168   | Deputy Director - Hourly                     | 0.46          | 0.35          | <b>0.35</b>     | 46,966 - 172,744 | 38,449  |
| 20000924   | Executive Secretary                          | 0.33          | 0.33          | <b>0.33</b>     | 43,555 - 52,666  | 17,113  |
| 90000924   | Executive Secretary - Hourly                 | 0.00          | 0.00          | <b>0.12</b>     | 43,555 - 52,666  | 5,227   |
| 20000461   | Field Representative                         | 0.48          | 0.81          | <b>0.81</b>     | 32,323 - 38,917  | 31,381  |
| 20000184   | Fleet Parts Buyer                            | 1.00          | 1.00          | <b>1.00</b>     | 44,637 - 54,059  | 53,248  |
| 90000819   | Golf Course Manager - Hourly                 | 0.06          | 0.09          | <b>0.10</b>     | 59,488 - 71,760  | 7,176   |
| 20000487   | Graphic Designer                             | 0.00          | 0.00          | <b>0.33</b>     | 43,264 - 51,979  | 14,277  |
| 20000501   | Heavy Truck Driver 2                         | 3.00          | 3.00          | <b>3.00</b>     | 37,565 - 45,302  | 135,906 |
| 20000178   | Information Systems Administrator            | 0.34          | 0.34          | <b>0.34</b>     | 73,466 - 88,982  | 30,253  |
| 20000290   | Information Systems Analyst 2                | 3.40          | 3.06          | <b>3.06</b>     | 54,059 - 65,333  | 196,095 |
| 20000293   | Information Systems Analyst 3                | 2.38          | 2.38          | <b>2.38</b>     | 59,363 - 71,760  | 137,911 |
| 20000998   | Information Systems Analyst 4                | 1.70          | 1.36          | <b>1.36</b>     | 66,768 - 80,891  | 110,016 |
| 20000999   | Information Systems Analyst 4                | 1.00          | 1.00          | <b>1.00</b>     | 66,768 - 80,891  | 80,891  |
| 20000514   | Instrumentation and Control Supervisor       | 1.00          | 1.00          | <b>1.00</b>     | 56,410 - 68,224  | 67,484  |

# Public Utilities

## Personnel Expenditures (Cont'd)

| Job Number | Job Title / Wages                           | FY2013 Budget | FY2014 Budget | FY2015 Proposed | Salary Range     | Total     |
|------------|---|---------------|---------------|-----------------|------------------|-----------|
| 20000515   | Instrumentation and Control Technician      | 6.00          | 6.00          | <b>8.00</b>     | 51,896 - 62,296  | 372,842   |
| 20000497   | Irrigation Specialist                       | 0.48          | 0.81          | <b>0.81</b>     | 37,814 - 45,261  | 36,164    |
| 20000590   | Laboratory Technician                       | 17.00         | 17.00         | <b>17.00</b>    | 40,622 - 49,067  | 620,140   |
| 20000618   | Machinist                                   | 5.00          | 4.00          | <b>4.00</b>     | 46,134 - 55,266  | 220,235   |
| 20001073   | Management Intern                           | 0.00          | 0.48          | <b>0.00</b>     | 24,274 - 29,203  | -         |
| 90001073   | Management Intern - Hourly                  | 3.17          | 3.37          | <b>2.94</b>     | 24,274 - 29,203  | 71,369    |
| 20000625   | Marine Biologist 2                          | 0.00          | 1.00          | <b>1.00</b>     | 53,726 - 65,333  | 53,726    |
| 20000624   | Marine Biologist 2                          | 18.00         | 17.00         | <b>17.00</b>    | 53,726 - 65,333  | 1,091,205 |
| 20000626   | Marine Biologist 3                          | 5.00          | 5.00          | <b>5.00</b>     | 62,005 - 75,067  | 375,335   |
| 20000165   | Multimedia Production Specialist            | 0.16          | 0.27          | <b>0.27</b>     | 43,264 - 51,979  | 14,038    |
| 20000634   | Organization Effectiveness Specialist 2     | 1.04          | 0.99          | <b>0.99</b>     | 54,059 - 65,333  | 64,482    |
| 20000627   | Organization Effectiveness Specialist 3     | 0.33          | 0.33          | <b>0.58</b>     | 59,363 - 71,760  | 38,519    |
| 20000639   | Organization Effectiveness Supervisor       | 0.33          | 0.33          | <b>0.33</b>     | 66,768 - 80,891  | 26,699    |
| 20000667   | Painter                                     | 3.00          | 3.00          | <b>3.00</b>     | 41,600 - 49,962  | 145,497   |
| 20000680   | Payroll Specialist 2                        | 3.30          | 3.30          | <b>3.30</b>     | 34,611 - 41,787  | 137,480   |
| 20000173   | Payroll Supervisor                          | 0.66          | 0.66          | <b>0.66</b>     | 39,686 - 48,069  | 31,486    |
| 20000701   | Plant Process Control Electrician           | 17.16         | 17.00         | <b>19.00</b>    | 51,896 - 62,296  | 1,149,180 |
| 20000705   | Plant Process Control Supervisor            | 7.66          | 7.33          | <b>6.33</b>     | 56,410 - 68,224  | 418,025   |
| 20000703   | Plant Process Control Supervisor            | 3.00          | 3.00          | <b>3.00</b>     | 56,410 - 68,224  | 204,672   |
| 20000687   | Plant Technician 1                          | 20.00         | 20.00         | <b>22.00</b>    | 37,814 - 45,261  | 779,177   |
| 90000687   | Plant Technician 1 - Hourly                 | 0.00          | 0.00          | <b>1.00</b>     | 37,814 - 45,261  | 37,814    |
| 20000688   | Plant Technician 2                          | 24.00         | 24.00         | <b>25.00</b>    | 41,454 - 49,504  | 1,138,088 |
| 20000689   | Plant Technician 3                          | 12.00         | 13.00         | <b>14.00</b>    | 45,490 - 54,434  | 751,875   |
| 20000706   | Plant Technician Supervisor                 | 7.00          | 7.00          | <b>9.00</b>     | 52,666 - 62,837  | 307,979   |
| 20000732   | Power Plant Operator                        | 2.00          | 4.00          | <b>4.00</b>     | 49,712 - 59,342  | 214,722   |
| 20000733   | Power Plant Supervisor                      | 3.00          | 2.00          | <b>2.00</b>     | 55,141 - 66,581  | 133,162   |
| 90000733   | Power Plant Supervisor - Hourly             | 0.11          | 0.35          | <b>0.35</b>     | 55,141 - 66,581  | 19,299    |
| 21000184   | Prin Backflow & Cross Connection Specialist | 0.00          | 0.27          | <b>0.27</b>     | 50,003 - 60,549  | 16,094    |
| 20000740   | Principal Drafting Aide                     | 1.32          | 0.99          | <b>0.99</b>     | 50,003 - 60,549  | 58,401    |
| 21000100   | Principal Engineering Aide                  | 0.16          | 0.00          | <b>0.00</b>     | 50,003 - 60,549  | -         |
| 20000743   | Principal Engineering Aide                  | 2.40          | 1.99          | <b>1.94</b>     | 50,003 - 60,549  | 117,227   |
| 20000707   | Principal Plant Technician Supervisor       | 2.00          | 2.00          | <b>2.00</b>     | 63,024 - 76,045  | 152,090   |
| 20001222   | Program Manager                             | 2.02          | 3.14          | <b>4.63</b>     | 46,966 - 172,744 | 481,080   |
| 20000760   | Project Assistant                           | 0.00          | 0.12          | <b>0.12</b>     | 57,866 - 69,722  | 8,364     |
| 20000761   | Project Officer 1                           | 0.00          | 0.24          | <b>0.24</b>     | 66,622 - 80,454  | 19,030    |
| 90000761   | Project Officer 1 - Hourly                  | 0.06          | 0.09          | <b>0.10</b>     | 66,622 - 80,454  | 8,045     |
| 20000763   | Project Officer 2                           | 0.33          | 0.73          | <b>0.73</b>     | 76,794 - 92,851  | 66,932    |
| 20000766   | Project Officer 2                           | 0.32          | 0.54          | <b>0.54</b>     | 76,794 - 92,851  | 50,134    |



# Public Utilities

## Personnel Expenditures (Cont'd)

| Job Number | Job Title / Wages                               | FY2013 Budget | FY2014 Budget | FY2015 Proposed | Salary Range     | Total   |
|------------|---|---------------|---------------|-----------------|------------------|---------|
| 20000783   | Public Information Clerk                        | 1.14          | 1.03          | <b>0.93</b>     | 31,491 - 37,918  | 35,244  |
| 20000784   | Public Information Officer                      | 0.00          | 0.00          | <b>0.50</b>     | 43,514 - 52,707  | 21,757  |
| 20001150   | Public Utilities Director                       | 0.33          | 0.33          | <b>0.33</b>     | 59,155 - 224,099 | 62,039  |
| 20000319   | Pump Station Operator                           | 10.00         | 10.00         | <b>10.00</b>    | 43,493 - 51,917  | 467,227 |
| 20000320   | Pump Station Operator Supervisor                | 1.00          | 1.00          | <b>1.00</b>     | 47,674 - 56,888  | 56,888  |
| 20000559   | Recycling Program Manager                       | 0.16          | 0.27          | <b>0.27</b>     | 76,731 - 92,893  | 25,080  |
| 20000560   | Recycling Program Manager                       | 0.33          | 0.33          | <b>0.33</b>     | 76,731 - 92,893  | -       |
| 20000847   | Safety Officer                                  | 0.66          | 0.66          | <b>0.66</b>     | 57,907 - 69,930  | 45,690  |
| 20000854   | Safety Representative 2                         | 3.97          | 3.31          | <b>3.31</b>     | 50,461 - 61,027  | 197,280 |
| 20001042   | Safety and Training Manager                     | 0.99          | 0.99          | <b>0.99</b>     | 66,768 - 80,891  | 26,699  |
| 20000869   | Senior Account Clerk                            | 0.76          | 0.76          | <b>0.76</b>     | 36,067 - 43,514  | 32,741  |
| 21000183   | Senior Backflow & Cross Connection Specialist   | 0.00          | 1.62          | <b>2.62</b>     | 44,429 - 53,706  | 130,538 |
| 20000828   | Senior Biologist                                | 1.16          | 0.77          | <b>0.77</b>     | 71,760 - 86,466  | 66,575  |
| 20000196   | Senior Boat Operator                            | 1.00          | 1.00          | <b>1.00</b>     | 47,840 - 57,117  | 57,117  |
| 90000222   | Senior Building Maintenance Supervisor - Hourly | 0.25          | 0.00          | <b>0.00</b>     | 76,918 - 93,018  | -       |
| 20000883   | Senior Chemist                                  | 2.00          | 1.45          | <b>1.45</b>     | 71,739 - 86,466  | 124,593 |
| 20000885   | Senior Civil Engineer                           | 2.98          | 3.35          | <b>3.85</b>     | 76,794 - 92,851  | 349,434 |
| 20000890   | Senior Civil Engineer                           | 0.00          | 0.00          | <b>0.33</b>     | 76,794 - 92,851  | 25,346  |
| 90000885   | Senior Civil Engineer - Hourly                  | 0.41          | 0.35          | <b>0.35</b>     | 76,794 - 92,851  | 26,878  |
| 20000927   | Senior Clerk/Typist                             | 1.33          | 1.33          | <b>1.00</b>     | 36,067 - 43,514  | 42,644  |
| 20000312   | Senior Department Human Resources Analyst       | 0.33          | 0.33          | <b>0.33</b>     | 59,363 - 71,760  | 23,679  |
| 20000400   | Senior Drafting Aide                            | 3.69          | 3.69          | <b>3.64</b>     | 44,429 - 53,706  | 185,082 |
| 20000905   | Senior Electrical Engineer                      | 1.00          | 1.00          | <b>1.00</b>     | 76,794 - 92,851  | 76,794  |
| 20000902   | Senior Engineering Aide                         | 0.80          | 0.00          | <b>0.00</b>     | 44,429 - 53,706  | -       |
| 20000015   | Senior Management Analyst                       | 5.23          | 4.92          | <b>4.61</b>     | 59,363 - 71,760  | 297,674 |
| 90000015   | Senior Management Analyst - Hourly              | 0.11          | 0.00          | <b>0.00</b>     | 59,363 - 71,760  | -       |
| 20000880   | Senior Marine Biologist                         | 1.00          | 1.00          | <b>1.00</b>     | 71,760 - 86,466  | 86,466  |
| 20000918   | Senior Planner                                  | 0.16          | 0.39          | <b>0.39</b>     | 65,354 - 79,019  | 29,486  |
| 20000920   | Senior Planner                                  | 0.48          | 0.81          | <b>0.81</b>     | 65,354 - 79,019  | 62,245  |
| 20000708   | Senior Plant Technician Supervisor              | 8.66          | 7.33          | <b>7.33</b>     | 60,070 - 72,467  | 529,378 |
| 20000968   | Senior Power Plant Supervisor                   | 1.00          | 0.00          | <b>1.00</b>     | 63,357 - 76,440  | -       |
| 90000968   | Senior Power Plant Supervisor - Hourly          | 0.00          | 0.35          | <b>0.35</b>     | 63,357 - 76,440  | 22,175  |
| 20000916   | Senior Public Information Officer               | 0.82          | 0.93          | <b>0.60</b>     | 54,059 - 65,333  | 38,376  |
| 20000938   | Senior Wastewater Operations Supervisor         | 6.00          | 6.00          | <b>6.00</b>     | 70,699 - 85,530  | 513,180 |
| 20000055   | Senior Wastewater Plant Operator                | 1.00          | 1.00          | <b>1.00</b>     | 56,534 - 67,621  | 67,621  |
| 20000950   | Stock Clerk                                     | 6.00          | 5.34          | <b>5.34</b>     | 30,056 - 36,275  | 193,710 |

# Public Utilities

## Personnel Expenditures (Cont'd)

| Job Number                               | Job Title / Wages                              | FY2013 Budget | FY2014 Budget | FY2015 Proposed | Salary Range    | Total                |
|--|--|---------------|---------------|-----------------|-----------------|----------------------|
| 20000955                                 | Storekeeper 1                                  | 6.00          | 3.34          | <b>3.34</b>     | 34,611 - 41,517 | 138,662              |
| 20000956                                 | Storekeeper 2                                  | 0.00          | 2.00          | <b>2.00</b>     | 37,835 - 45,718 | 83,553               |
| 20000954                                 | Storekeeper 3                                  | 1.00          | 1.00          | <b>1.00</b>     | 39,811 - 47,882 | 47,882               |
| 90000964                                 | Student Engineer - Hourly                      | 0.32          | 0.00          | <b>0.68</b>     | 26,707 - 32,011 | 18,161               |
| 90001146                                 | Student Intern - Hourly                        | 0.00          | 0.26          | <b>0.00</b>     | 18,616 - 22,318 | -                    |
| 20000313                                 | Supervising Department Human Resources Analyst | 0.33          | 0.33          | <b>0.33</b>     | 66,768 - 80,891 | 26,699               |
| 20000995                                 | Supervising Economist                          | 0.41          | 0.41          | <b>0.41</b>     | 66,768 - 80,891 | 33,167               |
| 20000990                                 | Supervising Field Representative               | 0.16          | 0.27          | <b>0.27</b>     | 35,651 - 42,890 | 11,581               |
| 20000970                                 | Supervising Management Analyst                 | 3.33          | 3.69          | <b>3.98</b>     | 66,768 - 80,891 | 321,859              |
| 20000985                                 | Supervising Management Analyst                 | 0.16          | 0.27          | <b>0.27</b>     | 66,768 - 80,891 | 21,840               |
| 20001021                                 | Supervising Public Information Officer         | 0.16          | 0.99          | <b>0.99</b>     | 59,363 - 71,760 | 71,028               |
| 21000177                                 | Trainer  | 0.00          | 1.98          | <b>1.32</b>     | 54,059 - 65,333 | 81,783               |
| 20001041                                 | Training Supervisor                            | 0.33          | 0.33          | <b>0.25</b>     | 59,363 - 71,760 | 17,940               |
| 20000937                                 | Wastewater Operations Supervisor               | 24.00         | 24.00         | <b>25.00</b>    | 64,667 - 77,293 | 1,901,620            |
| 20000941                                 | Wastewater Plant Operator                      | 40.00         | 40.00         | <b>43.00</b>    | 53,830 - 64,397 | 2,557,122            |
| 20000931                                 | Wastewater Treatment Superintendent            | 4.00          | 4.00          | <b>4.00</b>     | 81,578 - 98,675 | 393,220              |
| 20001058                                 | Welder   | 2.00          | 2.00          | <b>2.00</b>     | 44,366 - 53,206 | 105,614              |
| 20000756                                 | Word Processing Operator                       | 5.42          | 6.21          | <b>6.28</b>     | 31,491 - 37,918 | 224,687              |
|  | Bilingual - Regular                            |               |               |                 |                 | 3,838                |
|  | Class B  |               |               |                 |                 | 1,040                |
|  | Confined Space Pay                             |               |               |                 |                 | 3,411                |
|  | Exceptional Performance Pay-Classified         |               |               |                 |                 | 927                  |
|  | Exceptional Performance Pay-Unclassified       |               |               |                 |                 | 1,045                |
|  | Geographic Info Cert Pay                       |               |               |                 |                 | 1,996                |
|  | Night Shift Pay                                |               |               |                 |                 | 73,922               |
|  | Overtime Budgeted                              |               |               |                 |                 | 1,383,667            |
|  | Plant/Tank Vol Cert Pay                        |               |               |                 |                 | 103,160              |
|  | Reg Pay For Engineers                          |               |               |                 |                 | 172,063              |
|  | Split Shift Pay                                |               |               |                 |                 | 25,902               |
|  | Termination Pay Annual Leave                   |               |               |                 |                 | 82,080               |
|  | Welding Certification                          |               |               |                 |                 | 3,640                |
| <b>FTE, Salaries, and Wages Subtotal</b> |  | <b>450.89</b> | <b>447.35</b> | <b>465.50</b>   |                 | <b>\$ 28,751,544</b> |

|  | FY2013 Actual | FY2014 Budget | FY2015 Proposed | FY2014-2015 Change |
|--|---------------|---------------|-----------------|--------------------|
|--|---------------|---------------|-----------------|--------------------|

### Fringe Benefits

|                                |            |            |            |             |
|--------------------------------|------------|------------|------------|-------------|
| Employee Offset Savings        | \$ 166,950 | \$ 224,271 | \$ 179,280 | \$ (44,991) |
| Flexible Benefits              | 2,374,250  | 2,833,134  | 3,255,729  | 422,595     |
| Long-Term Disability           | 144,503    | 139,837    | 93,094     | (46,743)    |
| Medicare                       | 415,640    | 342,998    | 362,502    | 19,504      |
| Other Post-Employment Benefits | 2,637,197  | 2,622,431  | 2,702,088  | 79,657      |
| Retiree Medical Trust          | 4,098      | 3,836      | 5,200      | 1,364       |

## Public Utilities

|                                     | FY2013<br>Actual     | FY2014<br>Budget     | FY2015<br>Proposed   | FY2014–2015<br>Change |
|-------------------------------------|----------------------|----------------------|----------------------|-----------------------|
| Retirement 401 Plan                 | 14,870               | 15,277               | 15,688               | 411                   |
| Retirement ADC                      | 8,233,160            | 10,015,416           | 10,002,751           | (12,665)              |
| Retirement DROP                     | 122,105              | 118,523              | 117,613              | (910)                 |
| Retirement Offset Contribution      | 48,114               | -                    | -                    | -                     |
| Risk Management Administration      | 422,918              | 398,507              | 456,283              | 57,776                |
| Supplemental Pension Savings Plan   | 1,498,838            | 1,428,565            | 1,491,452            | 62,887                |
| Unemployment Insurance              | 73,654               | 74,458               | 53,452               | (21,006)              |
| Workers' Compensation               | 705,714              | 899,032              | 638,428              | (260,604)             |
| <b>Fringe Benefits Subtotal</b>     | <b>\$ 16,862,012</b> | <b>\$ 19,116,285</b> | <b>\$ 19,373,560</b> | <b>\$ 257,275</b>     |
| <b>Total Personnel Expenditures</b> |                      |                      | <b>\$ 48,125,104</b> |                       |

## Municipal Sewer Revenue Fund

### Department Expenditures

|                                | FY2013<br>Actual      | FY2014<br>Budget      | FY2015<br>Proposed    | FY2014–2015<br>Change |
|--------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Metropolitan Wastewater - Muni | \$ 50,005,988         | \$ 49,211,024         | <b>\$ 49,020,523</b>  | \$ (190,501)          |
| Public Utilities               | 67,892,657            | 83,074,575            | <b>85,852,279</b>     | 2,777,704             |
| <b>Total</b>                   | <b>\$ 117,898,645</b> | <b>\$ 132,285,599</b> | <b>\$ 134,872,802</b> | <b>\$ 2,587,203</b>   |

### Department Personnel

|                                | FY2013<br>Budget | FY2014<br>Budget | FY2015<br>Proposed | FY2014–2015<br>Change |
|--------------------------------|------------------|------------------|--------------------|-----------------------|
| Metropolitan Wastewater - Muni | 285.00           | 242.00           | <b>235.00</b>      | (7.00)                |
| Public Utilities               | 130.19           | 171.16           | <b>174.23</b>      | 3.07                  |
| <b>Total</b>                   | <b>415.19</b>    | <b>413.16</b>    | <b>409.23</b>      | <b>(3.93)</b>         |

### Significant Budget Adjustments

|  | FTE  | Expenditures | Revenue |
|--|------|--------------|---------|
| <b>Facility/Infrastructure Condition Assessments</b><br>Adjustment to reflect the addition of funding for facility and infrastructure condition assessment projects.   | 0.00 | \$ 2,738,239 | \$ -    |
| <b>Repair and Maintenance Expenditures</b><br>Adjustment to reflect the addition of funding for repair and maintenance expenditures at various wastewater facilities.  | 0.00 | 800,000      | -       |
| <b>State Revolving Fund (SRF) Adjustment</b><br>Adjustment to reflect the addition of funding for SRF loan repayments.   | 0.00 | 760,646      | -       |
| <b>Enterprise Asset Management and GIS Support</b><br>Adjustment to reflect the addition of funding and staff support for the Enterprise Asset Management (EAM) and Geographic Information Systems (GIS) projects. | 0.18 | 556,042      | -       |
| <b>Interagency Agreements</b><br>Adjustment to reflect the addition of non-personnel expenditures for annual payments for the Hale Avenue Treatment Facility and Municipal Transportation Agreements.              | 0.00 | 266,555      | -       |

# Public Utilities

## Significant Budget Adjustments (Cont'd)

|   | FTE  | Expenditures | Revenue |
|---|------|--------------|---------|
| <b>Revegetation and Mitigation</b><br>Adjustment to reflect the addition of funding for revegetation and environmental mitigation projects.   | 0.00 | 224,458      | -       |
| <b>Customer Support Enhancements</b><br>Adjustment to reflect the addition of funding for a postage rate increase and other customer service enhancements.  | 0.00 | 208,000      | -       |
| <b>Non-Standard Hour Personnel Funding</b><br>Adjustment to expenditures according to a zero-based annual review of non-standard hour personnel funding requirements.   | 4.53 | 157,468      | -       |
| <b>Quality Assurance Workplan</b><br>Adjustment to reflect the addition of funding to support the Quality Assurance workplan and other employee services.   | 0.64 | 127,339      | -       |
| <b>Security Enhancements</b><br>Adjustment to reflect the addition of funding for security enhancements at water and wastewater facilities.   | 0.00 | 103,787      | -       |
| <b>Financial Contracts</b><br>Adjustment of funding for various financial contracts including the Cost of Service Study, use of funds and bond issuance support.  | 0.00 | 82,303       | -       |
| <b>Laboratory Supplies and Equipment</b><br>Adjustment to reflect the addition of funding for laboratory supplies, equipment and facility improvements.   | 0.00 | 42,000       | -       |
| <b>Program Manager</b><br>Addition of 1.00 Program Manager to coordinate and manage the Wastewater and Water Construction & Maintenance branch.   | 0.18 | 33,516       | -       |
| <b>Support for Potable Reuse Program</b><br>Adjustment to reflect the addition of staffing and support for the Potable Reuse Program.   | 0.10 | 24,707       | -       |
| <b>Graphic Designer</b><br>Addition of 1.00 Graphic Designer for the Public Utilities Department.   | 0.18 | 14,556       | -       |
| <b>Supplemental Cost of Living Adjustment (COLA)</b><br>Adjustment to reflect the allocation of the pay-go costs for the continued funding of the Supplemental COLA Benefit.  | 0.00 | 9,512        | -       |
| <b>Reclassification of IT Expenditures</b><br>Adjustment reflects the reclassification of information technology expenditures.  | 0.00 | (16,500)     | -       |
| <b>Overtime Funding</b><br>Adjustment to expenditures according to projected overtime requirements.   | 0.00 | (99,936)     | -       |
| <b>Non-Discretionary Adjustment</b><br>Adjustment to expenditure allocations that are determined outside of the department's direct control. These allocations are generally based on prior year expenditure trends and examples of these include utilities, insurance, and rent. | 0.00 | (267,803)    | -       |

# Public Utilities

## Significant Budget Adjustments (Cont'd)

|   | FTE           | Expenditures        | Revenue               |
|---|---------------|---------------------|-----------------------|
| <b>Equipment/Support for Information Technology</b><br>Adjustment to expenditure allocations according to a zero-based annual review of information technology funding requirements and priority analyses.  | 0.00          | (672,796)           | -                     |
| <b>Salary and Benefit Adjustments</b><br>Adjustments to reflect the annualization of the Fiscal Year 2014 negotiated salary compensation schedule, changes to savings resulting from positions to be vacant for any period of the fiscal year, retirement contributions, retiree health contributions, and labor negotiation adjustments. | 0.14          | (686,149)           | -                     |
| <b>Public Utilities Restructure</b><br>Reallocation among funds to more accurately reflect operational expenditures as well as an adjustment due to efficiencies realized.  | (9.88)        | (787,580)           | -                     |
| <b>One-Time Reductions and Annualizations</b><br>Adjustment to reflect the removal of one-time revenues and expenditures, and the annualization of revenues and expenditures, implemented in Fiscal Year 2014.  | 0.00          | (1,031,161)         | -                     |
| <b>Revised Revenue</b><br>Adjustment to reflect Fiscal Year 2015 revenue projections.   | 0.00          | -                   | (4,184,800)           |
| <b>Total</b>  | <b>(3.93)</b> | <b>\$ 2,587,203</b> | <b>\$ (4,184,800)</b> |

## Expenditures by Category

|                               | FY2013<br>Actual      | FY2014<br>Budget      | FY2015<br>Proposed    | FY2014–2015<br>Change |
|-------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| <b>PERSONNEL</b>              |                       |                       |                       |                       |
| Personnel Cost                | \$ 19,277,381         | \$ 23,173,861         | \$ 22,673,164         | \$ (500,697)          |
| Fringe Benefits               | 13,859,816            | 16,497,358            | 15,808,516            | (688,842)             |
| <b>PERSONNEL SUBTOTAL</b>     | <b>33,137,197</b>     | <b>39,671,219</b>     | <b>38,481,680</b>     | <b>(1,189,539)</b>    |
| <b>NON-PERSONNEL</b>          |                       |                       |                       |                       |
| Supplies                      | \$ 3,501,284          | \$ 4,678,035          | \$ 5,038,315          | \$ 360,280            |
| Contracts                     | 28,447,415            | 31,375,522            | 35,021,458            | 3,645,936             |
| Information Technology        | 3,155,153             | 4,360,433             | 3,661,762             | (698,671)             |
| Energy and Utilities          | 5,159,210             | 5,033,856             | 6,260,181             | 1,226,325             |
| Other                         | 79,307                | 62,933                | 64,933                | 2,000                 |
| Transfers Out                 | 43,690,549            | 46,150,929            | 45,458,325            | (692,604)             |
| Capital Expenditures          | 1,348,609             | 583,174               | 490,174               | (93,000)              |
| Debt                          | (620,078)             | 369,498               | 395,974               | 26,476                |
| <b>NON-PERSONNEL SUBTOTAL</b> | <b>84,761,448</b>     | <b>92,614,380</b>     | <b>96,391,122</b>     | <b>3,776,742</b>      |
| <b>Total</b>                  | <b>\$ 117,898,645</b> | <b>\$ 132,285,599</b> | <b>\$ 134,872,802</b> | <b>\$ 2,587,203</b>   |

# Public Utilities

## Revenues by Category

|                                 | FY2013<br>Actual      | FY2014<br>Budget      | FY2015<br>Proposed    | FY2014–2015<br>Change |
|---------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Charges for Services            | \$ 298,342,298        | \$ 304,754,000        | <b>\$ 306,813,000</b> | \$ 2,059,000          |
| Fines Forfeitures and Penalties | 76,746                | -                     | -                     | -                     |
| Other Revenue                   | 1,210,254             | 250,000               | <b>187,000</b>        | (63,000)              |
| Rev from Money and Prop         | 2,471,207             | 1,223,000             | <b>910,400</b>        | (312,600)             |
| Rev from Other Agencies         | 4,309,299             | 10,747,000            | <b>4,878,800</b>      | (5,868,200)           |
| Transfers In                    | 9,731,555             | -                     | -                     | -                     |
| <b>Total</b>                    | <b>\$ 316,141,359</b> | <b>\$ 316,974,000</b> | <b>\$ 312,789,200</b> | <b>\$ (4,184,800)</b> |

## Personnel Expenditures

| Job<br>Number                   | Job Title / Wages                               | FY2013<br>Budget | FY2014<br>Budget | FY2015<br>Proposed | Salary Range        | Total     |
|---------------------------------|---|------------------|------------------|--------------------|---------------------|-----------|
| <b>FTE, Salaries, and Wages</b> |   |                  |                  |                    |                     |           |
| 20000011                        | Account Clerk                                   | 2.60             | 2.60             | <b>2.60</b>        | \$31,491 - \$37,918 | \$ 96,575 |
| 20000007                        | Accountant 3                                    | 0.33             | 0.33             | <b>0.18</b>        | 59,363 - 71,760     | 12,924    |
| 20000102                        | Accountant 4                                    | 0.22             | 0.22             | <b>0.18</b>        | 66,768 - 88,982     | 16,020    |
| 20000012                        | Administrative Aide 1                           | 1.22             | 1.22             | <b>1.54</b>        | 36,962 - 44,533     | 67,220    |
| 20000024                        | Administrative Aide 2                           | 4.07             | 4.40             | <b>5.07</b>        | 42,578 - 51,334     | 246,472   |
| 20000057                        | Assistant Chemist                               | 10.00            | 10.00            | <b>10.00</b>       | 53,789 - 65,333     | 624,227   |
| 20001140                        | Assistant Department Director                   | 0.18             | 0.18             | <b>0.36</b>        | 31,741 - 173,971    | 50,398    |
| 20000070                        | Assistant Engineer-Civil                        | 10.25            | 10.23            | <b>10.46</b>       | 57,866 - 69,722     | 609,989   |
| 20000087                        | Assistant Engineer-Mechanical                   | 0.18             | 0.16             | <b>0.16</b>        | 57,866 - 69,722     | 11,160    |
| 20000080                        | Assistant Laboratory Technician                 | 1.00             | 1.00             | <b>1.00</b>        | 33,696 - 40,602     | 40,602    |
| 20000041                        | Assistant Management Analyst                    | 0.18             | 0.18             | <b>0.18</b>        | 44,470 - 54,059     | 9,732     |
| 20001228                        | Assistant Metropolitan<br>Wastewater Director   | 0.18             | 0.18             | <b>0.18</b>        | 31,741 - 173,971    | 25,200    |
| 20000140                        | Associate Chemist                               | 4.00             | 4.50             | <b>4.50</b>        | 62,005 - 75,067     | 336,675   |
| 20000311                        | Associate Department Human<br>Resources Analyst | 0.90             | 0.90             | <b>0.90</b>        | 54,059 - 65,333     | 54,747    |
| 20000145                        | Associate Engineer-Civil                        | 0.62             | 0.51             | <b>0.26</b>        | 66,622 - 80,454     | 20,691    |
| 20000143                        | Associate Engineer-Civil                        | 8.26             | 8.37             | <b>8.91</b>        | 66,622 - 80,454     | 706,544   |
| 90000143                        | Associate Engineer-Civil - Hourly               | 0.06             | 0.00             | <b>0.00</b>        | 66,622 - 80,454     | -         |
| 20000150                        | Associate Engineer-Electrical                   | 0.18             | 0.16             | <b>0.16</b>        | 66,622 - 80,454     | 12,875    |
| 20000154                        | Associate Engineer-Mechanical                   | 0.25             | 0.16             | <b>0.16</b>        | 66,622 - 80,454     | 10,656    |
| 20000137                        | Associate Management Analyst                    | 1.58             | 0.00             | <b>0.00</b>        | 54,059 - 65,333     | -         |
| 20000134                        | Associate Management Analyst                    | 0.22             | 0.22             | <b>0.18</b>        | 54,059 - 65,333     | 11,701    |
| 20000119                        | Associate Management Analyst                    | 6.54             | 6.73             | <b>6.79</b>        | 54,059 - 65,333     | 424,404   |
| 20000132                        | Associate Management Analyst                    | 0.00             | 0.36             | <b>0.36</b>        | 54,059 - 65,333     | 19,463    |
| 20000162                        | Associate Planner                               | 1.00             | 0.67             | <b>0.67</b>        | 56,722 - 68,536     | 38,003    |
| 20000649                        | Biologist 3                                     | 2.00             | 1.34             | <b>1.34</b>        | 62,005 - 75,067     | 40,925    |
| 20000205                        | Building Service Supervisor                     | 0.00             | 0.33             | <b>0.33</b>        | 45,718 - 55,286     | 16,573    |
| 20000224                        | Building Service Technician                     | 0.00             | 0.33             | <b>0.33</b>        | 33,322 - 39,666     | 11,003    |
| 20000266                        | Cashier   | 2.50             | 2.50             | <b>2.50</b>        | 31,491 - 37,918     | 88,612    |
| 20000236                        | Cement Finisher                                 | 1.00             | 1.00             | <b>1.00</b>        | 43,451 - 52,083     | 51,302    |
| 20000539                        | Clerical Assistant 2                            | 3.34             | 3.06             | <b>2.94</b>        | 29,931 - 36,067     | 97,345    |
| 20000306                        | Code Compliance Officer                         | 1.50             | 0.50             | <b>0.00</b>        | 37,232 - 44,803     | -         |

# Public Utilities

## Personnel Expenditures (Cont'd)

| Job Number | Job Title / Wages                                 | FY2013 Budget | FY2014 Budget | FY2015 Proposed | Salary Range     | Total     |
|------------|---|---------------|---------------|-----------------|------------------|-----------|
| 20000307   | Code Compliance Supervisor                        | 0.50          | 0.00          | <b>0.00</b>     | 42,890 - 51,334  | -         |
| 20000829   | Compliance and Metering Manager                   | 1.00          | 1.00          | <b>1.00</b>     | 73,445 - 88,837  | 88,838    |
| 20000801   | Customer Information and Billing Manager          | 0.50          | 1.00          | <b>1.00</b>     | 73,445 - 88,837  | 81,147    |
| 90000801   | Customer Information and Billing Manager - Hourly | 0.17          | 0.00          | <b>0.00</b>     | 73,445 - 88,837  | -         |
| 20000369   | Customer Services Representative                  | 17.50         | 22.00         | <b>21.50</b>    | 32,968 - 39,811  | 782,170   |
| 90000369   | Customer Services Representative - Hourly         | 4.00          | 2.50          | <b>2.50</b>     | 32,968 - 39,811  | 82,420    |
| 20000366   | Customer Services Supervisor                      | 2.00          | 2.50          | <b>2.50</b>     | 57,782 - 69,784  | 168,465   |
| 20001168   | Deputy Director                                   | 2.04          | 2.37          | <b>2.37</b>     | 46,966 - 172,744 | 281,339   |
| 90001168   | Deputy Director - Hourly                          | 0.23          | 0.00          | <b>0.18</b>     | 46,966 - 172,744 | 19,774    |
| 20000429   | Equipment Operator 1                              | 30.00         | 30.00         | <b>30.00</b>    | 37,690 - 45,115  | 1,342,316 |
| 20000428   | Equipment Operator 1                              | 1.00          | 1.00          | <b>1.00</b>     | 37,690 - 45,115  | 44,213    |
| 20000430   | Equipment Operator 2                              | 12.00         | 12.00         | <b>12.00</b>    | 41,350 - 49,462  | 587,693   |
| 20000436   | Equipment Operator 3                              | 2.00          | 2.00          | <b>2.00</b>     | 43,160 - 51,667  | 103,334   |
| 20000418   | Equipment Technician 1                            | 11.00         | 11.00         | <b>11.00</b>    | 36,005 - 43,139  | 470,862   |
| 20000423   | Equipment Technician 2                            | 10.00         | 10.00         | <b>10.00</b>    | 39,499 - 47,091  | 419,581   |
| 20000431   | Equipment Technician 3                            | 1.00          | 1.00          | <b>1.00</b>     | 43,368 - 51,813  | 51,036    |
| 20000924   | Executive Secretary                               | 0.18          | 0.18          | <b>0.18</b>     | 43,555 - 52,666  | 9,336     |
| 90000924   | Executive Secretary - Hourly                      | 0.00          | 0.00          | <b>0.06</b>     | 43,555 - 52,666  | 2,613     |
| 20000461   | Field Representative                              | 15.50         | 14.50         | <b>14.00</b>    | 32,323 - 38,917  | 543,678   |
| 90000461   | Field Representative - Hourly                     | 3.25          | 3.25          | <b>3.25</b>     | 32,323 - 38,917  | 105,051   |
| 20000483   | General Water Utility Supervisor                  | 4.00          | 4.00          | <b>4.00</b>     | 59,342 - 71,760  | 283,546   |
| 20000487   | Graphic Designer                                  | 0.00          | 0.00          | <b>0.18</b>     | 43,264 - 51,979  | 7,788     |
| 20000502   | Heavy Truck Driver 1                              | 2.00          | 2.00          | <b>1.00</b>     | 36,234 - 43,160  | 43,160    |
| 20000501   | Heavy Truck Driver 2                              | 0.00          | 0.00          | <b>1.00</b>     | 37,565 - 45,302  | -         |
| 20000178   | Information Systems Administrator                 | 0.19          | 0.19          | <b>0.19</b>     | 73,466 - 88,982  | 16,908    |
| 20000290   | Information Systems Analyst 2                     | 2.40          | 2.71          | <b>2.71</b>     | 54,059 - 65,333  | 174,878   |
| 20000293   | Information Systems Analyst 3                     | 1.33          | 1.33          | <b>1.33</b>     | 59,363 - 71,760  | 77,065    |
| 20000998   | Information Systems Analyst 4                     | 0.95          | 0.76          | <b>0.76</b>     | 66,768 - 80,891  | 61,488    |
| 20000515   | Instrumentation and Control Technician            | 2.00          | 2.00          | <b>0.00</b>     | 51,896 - 62,296  | -         |
| 20000590   | Laboratory Technician                             | 9.00          | 9.00          | <b>9.00</b>     | 40,622 - 49,067  | 372,621   |
| 90000589   | Laborer - Hourly                                  | 0.00          | 0.00          | <b>3.00</b>     | 29,182 - 34,757  | 87,548    |
| 90001073   | Management Intern - Hourly                        | 1.18          | 0.27          | <b>1.47</b>     | 24,274 - 29,203  | 35,684    |
| 20000634   | Organization Effectiveness Specialist 2           | 0.58          | 0.54          | <b>0.54</b>     | 54,059 - 65,333  | 35,167    |
| 20000627   | Organization Effectiveness Specialist 3           | 0.18          | 0.18          | <b>0.54</b>     | 59,363 - 71,760  | 34,296    |
| 20000639   | Organization Effectiveness Supervisor             | 0.18          | 0.18          | <b>0.18</b>     | 66,768 - 80,891  | 14,556    |



# Public Utilities

## Personnel Expenditures (Cont'd)

| Job Number | Job Title / Wages                                | FY2013 Budget | FY2014 Budget | FY2015 Proposed | Salary Range     | Total   |
|------------|--|---------------|---------------|-----------------|------------------|---------|
| 20000680   | Payroll Specialist 2                             | 1.80          | 1.80          | <b>1.80</b>     | 34,611 - 41,787  | 75,022  |
| 20000173   | Payroll Supervisor                               | 0.36          | 0.36          | <b>0.36</b>     | 39,686 - 48,069  | 17,172  |
| 20000701   | Plant Process Control Electrician                | 10.00         | 10.00         | <b>8.00</b>     | 51,896 - 62,296  | 491,360 |
| 20000703   | Plant Process Control Supervisor                 | 1.00          | 1.00          | <b>1.00</b>     | 56,410 - 68,224  | 68,224  |
| 20000705   | Plant Process Control Supervisor                 | 5.36          | 5.18          | <b>5.18</b>     | 56,410 - 68,224  | 346,854 |
| 20000687   | Plant Technician 1                               | 2.00          | 2.00          | <b>0.00</b>     | 37,814 - 45,261  | -       |
| 20000688   | Plant Technician 2                               | 2.00          | 2.00          | <b>0.00</b>     | 41,454 - 49,504  | -       |
| 20000689   | Plant Technician 3                               | 1.00          | 1.00          | <b>0.00</b>     | 45,490 - 54,434  | -       |
| 20000706   | Plant Technician Supervisor                      | 1.00          | 1.00          | <b>0.00</b>     | 52,666 - 62,837  | -       |
| 90000733   | Power Plant Supervisor - Hourly                  | 0.06          | 0.00          | <b>0.00</b>     | 55,141 - 66,581  | -       |
| 20000740   | Principal Drafting Aide                          | 0.72          | 0.54          | <b>0.54</b>     | 50,003 - 60,549  | 31,856  |
| 20000743   | Principal Engineering Aide                       | 9.27          | 9.69          | <b>9.66</b>     | 50,003 - 60,549  | 570,837 |
| 20000750   | Principal Water Utility Supervisor               | 2.00          | 2.00          | <b>2.00</b>     | 52,000 - 62,837  | 122,720 |
| 20001222   | Program Manager                                  | 2.03          | 2.53          | <b>3.07</b>     | 46,966 - 172,744 | 157,024 |
| 20000760   | Project Assistant                                | 1.00          | 0.67          | <b>0.67</b>     | 57,866 - 69,722  | 46,717  |
| 20000761   | Project Officer 1                                | 2.00          | 1.34          | <b>1.34</b>     | 66,622 - 80,454  | 106,176 |
| 20000763   | Project Officer 2                                | 1.18          | 0.83          | <b>0.83</b>     | 76,794 - 92,851  | 76,835  |
| 20000783   | Public Information Clerk                         | 0.66          | 0.44          | <b>0.36</b>     | 31,491 - 37,918  | 13,665  |
| 20001150   | Public Utilities Director                        | 0.18          | 0.18          | <b>0.18</b>     | 59,155 - 224,099 | 33,839  |
| 20000319   | Pump Station Operator                            | 5.00          | 5.00          | <b>5.00</b>     | 43,493 - 51,917  | 259,585 |
| 20000320   | Pump Station Operator Supervisor                 | 1.00          | 1.00          | <b>1.00</b>     | 47,674 - 56,888  | 56,888  |
| 20000560   | Recycling Program Manager                        | 0.18          | 0.18          | <b>0.18</b>     | 76,731 - 92,893  | -       |
| 20000847   | Safety Officer                                   | 0.36          | 0.36          | <b>0.36</b>     | 57,907 - 69,930  | 24,927  |
| 20000854   | Safety Representative 2                          | 1.62          | 1.95          | <b>1.95</b>     | 50,461 - 61,027  | 116,310 |
| 20001042   | Safety and Training Manager                      | 0.54          | 0.54          | <b>0.54</b>     | 66,768 - 80,891  | 14,556  |
| 20000869   | Senior Account Clerk                             | 0.44          | 0.44          | <b>0.44</b>     | 36,067 - 43,514  | 18,961  |
| 20000883   | Senior Chemist                                   | 1.00          | 1.30          | <b>1.30</b>     | 71,739 - 86,466  | 109,732 |
| 20000890   | Senior Civil Engineer                            | 0.00          | 0.00          | <b>0.18</b>     | 76,794 - 92,851  | 13,825  |
| 20000885   | Senior Civil Engineer                            | 2.56          | 2.28          | <b>2.28</b>     | 76,794 - 92,851  | 211,693 |
| 20000927   | Senior Clerk/Typist                              | 0.18          | 0.18          | <b>0.00</b>     | 36,067 - 43,514  | -       |
| 20000898   | Senior Customer Services Representative          | 3.00          | 3.00          | <b>2.50</b>     | 37,835 - 45,781  | 114,460 |
| 90000898   | Senior Customer Services Representative - Hourly | 0.17          | 0.00          | <b>0.00</b>     | 37,835 - 45,781  | -       |
| 20000312   | Senior Department Human Resources Analyst        | 0.18          | 0.18          | <b>0.18</b>     | 59,363 - 71,760  | 12,915  |
| 20000400   | Senior Drafting Aide                             | 1.48          | 1.48          | <b>1.44</b>     | 44,429 - 53,706  | 72,198  |
| 20000900   | Senior Engineering Aide                          | 10.00         | 10.50         | <b>11.00</b>    | 44,429 - 53,706  | 490,843 |
| 20000902   | Senior Engineering Aide                          | 3.00          | 0.00          | <b>0.00</b>     | 44,429 - 53,706  | -       |
| 20000015   | Senior Management Analyst                        | 3.69          | 4.32          | <b>3.77</b>     | 59,363 - 71,760  | 249,958 |
| 90000015   | Senior Management Analyst - Hourly               | 0.06          | 0.00          | <b>0.00</b>     | 59,363 - 71,760  | -       |
| 20000918   | Senior Planner                                   | 1.00          | 0.67          | <b>0.67</b>     | 65,354 - 79,019  | 47,338  |



# Public Utilities

## Personnel Expenditures (Cont'd)

| Job Number                               | Job Title / Wages                              | FY2013 Budget | FY2014 Budget | FY2015 Proposed | Salary Range    | Total                |
|--|--|---------------|---------------|-----------------|-----------------|----------------------|
| 20000708                                 | Senior Plant Technician Supervisor             | 0.36          | 0.18          | 0.18            | 60,070 - 72,467 | 12,853               |
| 20000916                                 | Senior Public Information Officer              | 0.36          | 0.36          | 0.18            | 54,059 - 65,333 | 11,761               |
| 20000914                                 | Senior Water Utility Supervisor                | 14.00         | 14.00         | 14.00           | 47,216 - 57,138 | 701,106              |
| 20000950                                 | Stock Clerk                                    | 0.00          | 0.33          | 0.33            | 30,056 - 36,275 | 11,976               |
| 20000955                                 | Storekeeper 1                                  | 0.00          | 0.33          | 0.33            | 34,611 - 41,517 | 13,703               |
| 90000964                                 | Student Engineer - Hourly                      | 0.09          | 0.00          | 0.09            | 26,707 - 32,011 | 2,404                |
| 20000313                                 | Supervising Department Human Resources Analyst | 0.18          | 0.18          | 0.18            | 66,768 - 80,891 | 14,556               |
| 20000995                                 | Supervising Economist                          | 0.23          | 0.23          | 0.23            | 66,768 - 80,891 | 18,600               |
| 20000990                                 | Supervising Field Representative               | 0.50          | 0.50          | 0.50            | 35,651 - 42,890 | 11                   |
| 20000970                                 | Supervising Management Analyst                 | 2.74          | 2.60          | 2.89            | 66,768 - 80,891 | 233,687              |
| 20000997                                 | Supervising Meter Reader                       | 1.00          | 1.00          | 1.50            | 37,253 - 44,720 | 67,086               |
| 90000997                                 | Supervising Meter Reader - Hourly              | 0.17          | 0.00          | 0.00            | 37,253 - 44,720 | -                    |
| 20001021                                 | Supervising Public Information Officer         | 0.50          | 0.54          | 0.54            | 59,363 - 71,760 | 38,754               |
| 20000333                                 | Supervising Wastewater Pretreatment Inspector  | 3.00          | 3.00          | 3.00            | 66,685 - 80,870 | 242,610              |
| 21000177                                 | Trainer  | 0.00          | 1.58          | 1.72            | 54,059 - 65,333 | 103,803              |
| 20001041                                 | Training Supervisor                            | 0.18          | 0.18          | 0.36            | 59,363 - 71,760 | 25,830               |
| 20001051                                 | Utility Worker 1                               | 46.00         | 46.00         | 46.00           | 30,534 - 36,296 | 1,608,694            |
| 20000323                                 | Wastewater Pretreatment Inspector 2            | 8.00          | 8.00          | 8.00            | 55,078 - 66,768 | 392,169              |
| 20000326                                 | Wastewater Pretreatment Inspector 3            | 0.00          | 0.00          | 1.00            | 60,674 - 73,507 | 63,648               |
| 20000325                                 | Wastewater Pretreatment Inspector 3            | 5.00          | 5.00          | 4.00            | 60,674 - 73,507 | 289,493              |
| 20000523                                 | Wastewater Pretreatment Program Manager        | 1.00          | 1.00          | 1.00            | 72,966 - 88,546 | 87,218               |
| 20001063                                 | Water Utility Supervisor                       | 14.00         | 14.00         | 14.00           | 43,472 - 51,979 | 701,054              |
| 20001065                                 | Water Utility Worker                           | 31.00         | 31.00         | 31.00           | 33,322 - 39,666 | 1,033,907            |
| 20000756                                 | Word Processing Operator                       | 5.58          | 5.41          | 5.74            | 31,491 - 37,918 | 217,665              |
|  | Bilingual - Regular                            |               |               |                 |                 | 20,781               |
|  | Exceptional Performance Pay-Classified         |               |               |                 |                 | 7,275                |
|  | Exceptional Performance Pay-Unclassified       |               |               |                 |                 | 570                  |
|  | Geographic Info Cert Pay                       |               |               |                 |                 | 1,095                |
|  | Night Shift Pay                                |               |               |                 |                 | 21,539               |
|  | Overtime Budgeted                              |               |               |                 |                 | 2,336,155            |
|  | Plant/Tank Vol Cert Pay                        |               |               |                 |                 | 71,844               |
|  | Reg Pay For Engineers                          |               |               |                 |                 | 105,972              |
|  | Split Shift Pay                                |               |               |                 |                 | 26,229               |
|  | Termination Pay Annual Leave                   |               |               |                 |                 | 36,017               |
| <b>FTE, Salaries, and Wages Subtotal</b> |  | <b>415.19</b> | <b>413.16</b> | <b>409.23</b>   |                 | <b>\$ 22,673,164</b> |

# Public Utilities

|                                     | FY2013<br>Actual     | FY2014<br>Budget     | FY2015<br>Proposed   | FY2014–2015<br>Change |
|-------------------------------------|----------------------|----------------------|----------------------|-----------------------|
| <b>Fringe Benefits</b>              |                      |                      |                      |                       |
| Employee Offset Savings             | \$ 115,981           | \$ 164,008           | \$ 130,844           | \$ (33,164)           |
| Flexible Benefits                   | 2,060,278            | 2,638,339            | 2,890,000            | 251,661               |
| Long-Term Disability                | 105,907              | 110,285              | 69,700               | (40,585)              |
| Medicare                            | 311,424              | 276,683              | 273,750              | (2,933)               |
| Other                               | 3,707                | -                    | -                    | -                     |
| Other Post-Employment Benefits      | 2,318,349            | 2,445,124            | 2,374,156            | (70,968)              |
| Retiree Medical Trust               | 1,785                | 1,674                | 2,787                | 1,113                 |
| Retirement 401 Plan                 | 6,030                | 6,565                | 6,203                | (362)                 |
| Retirement ADC                      | 6,501,950            | 8,345,743            | 7,683,917            | (661,826)             |
| Retirement DROP                     | 73,001               | 75,291               | 83,000               | 7,709                 |
| Retirement Offset Contribution      | 33,417               | -                    | -                    | -                     |
| Risk Management Administration      | 371,962              | 370,531              | 401,637              | 31,106                |
| Supplemental Pension Savings Plan   | 1,112,838            | 1,118,850            | 1,117,300            | (1,550)               |
| Unemployment Insurance              | 54,015               | 58,686               | 40,028               | (18,658)              |
| Workers' Compensation               | 789,172              | 885,579              | 735,194              | (150,385)             |
| <b>Fringe Benefits Subtotal</b>     | <b>\$ 13,859,816</b> | <b>\$ 16,497,358</b> | <b>\$ 15,808,516</b> | <b>\$ (688,842)</b>   |
| <b>Total Personnel Expenditures</b> |                      |                      | <b>\$ 38,481,680</b> |                       |

## Sewer Utility - AB 1600 Fund

### Revenues by Category

|                         | FY2013<br>Actual     | FY2014<br>Budget | FY2015<br>Proposed | FY2014–2015<br>Change |
|-------------------------|----------------------|------------------|--------------------|-----------------------|
| Charges for Services    | \$ 14,041,093        | \$ -             | \$ -               | \$ -                  |
| Rev from Money and Prop | (263,190)            | -                | -                  | -                     |
| <b>Total</b>            | <b>\$ 13,777,903</b> | <b>\$ -</b>      | <b>\$ -</b>        | <b>\$ -</b>           |

## Water Utility - AB 1600 Fund

### Revenues by Category

|                         | FY2013<br>Actual     | FY2014<br>Budget | FY2015<br>Proposed | FY2014–2015<br>Change |
|-------------------------|----------------------|------------------|--------------------|-----------------------|
| Charges for Services    | \$ 11,704,419        | \$ -             | \$ -               | \$ -                  |
| Rev from Money and Prop | 134,940              | -                | -                  | -                     |
| <b>Total</b>            | <b>\$ 11,839,359</b> | <b>\$ -</b>      | <b>\$ -</b>        | <b>\$ -</b>           |

# Public Utilities

## Water Utility Operating Fund

### Department Expenditures

|                  | FY2013<br>Actual      | FY2014<br>Budget      | FY2015<br>Proposed    | FY2014–2015<br>Change |
|------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Public Utilities | \$ 121,638,039        | \$ 142,075,681        | <b>\$ 148,120,458</b> | \$ 6,044,777          |
| Water            | 287,660,695           | 297,214,865           | <b>313,826,583</b>    | 16,611,718            |
| <b>Total</b>     | <b>\$ 409,298,734</b> | <b>\$ 439,290,546</b> | <b>\$ 461,947,041</b> | <b>\$ 22,656,495</b>  |

### Department Personnel

|                  | FY2013<br>Budget | FY2014<br>Budget | FY2015<br>Proposed | FY2014–2015<br>Change |
|------------------|------------------|------------------|--------------------|-----------------------|
| Public Utilities | 252.86           | 285.23           | <b>300.03</b>      | 14.80                 |
| Water            | 455.58           | 417.85           | <b>421.70</b>      | 3.85                  |
| <b>Total</b>     | <b>708.44</b>    | <b>703.08</b>    | <b>721.73</b>      | <b>18.65</b>          |

### Significant Budget Adjustments

|  | FTE  | Expenditures  | Revenue |
|--|------|---------------|---------|
| <b>Water Purchases</b><br>Adjustment to reflect an increase in water purchases due to water rate increases by the Metropolitan Water District and San Diego County Water Authority.                                | 0.00 | \$ 17,284,946 | \$ -    |
| <b>Facility/Infrastructure Condition Assessments</b><br>Adjustment to reflect the addition of funding for facility and infrastructure condition assessment projects.   | 0.00 | 3,991,508     | -       |
| <b>Support for Potable Reuse Program</b><br>Adjustment to reflect the addition of staffing and support for the Potable Reuse Program.  | 2.24 | 2,145,757     | -       |
| <b>Sweetwater Settlement</b><br>Addition of funding for the City's Fiscal Year 2015 contribution to the Sweetwater Desalination Facility pursuant to the 2013 Settlement Agreement.                                | 0.00 | 2,000,000     | -       |
| <b>Repair and Maintenance Expenditures</b><br>Adjustment to reflect the addition of funding for repair and maintenance expenditures at various wastewater facilities.  | 0.00 | 1,102,500     | -       |
| <b>State Revolving Fund (SRF) Adjustment</b><br>Adjustment to reflect the addition of funding for SRF loan repayments.   | 0.00 | 884,069       | -       |
| <b>Enterprise Asset Management and GIS Support</b><br>Adjustment to reflect the addition of funding and staff support for the Enterprise Asset Management (EAM) and Geographic Information Systems (GIS) projects. | 0.49 | 604,671       | -       |
| <b>Scientific and Planning Studies</b><br>Adjustment to reflect the addition of funding for various scientific and planning studies.   | 0.00 | 502,459       | -       |
| <b>Revegetation and Mitigation</b><br>Adjustment to reflect the addition of funding for revegetation and environmental mitigation projects.  | 0.00 | 415,000       | -       |
| <b>Laboratory Supplies and Equipment</b><br>Adjustment to reflect the addition of funding for laboratory supplies, equipment and facility improvements.  | 0.00 | 361,000       | -       |

# Public Utilities

## Significant Budget Adjustments (Cont'd)

|   | FTE  | Expenditures | Revenue |
|---|------|--------------|---------|
| <b>Security Enhancements</b><br>Adjustment to reflect the addition of funding for security enhancements at water and wastewater facilities.   | 0.00 | 282,530      | -       |
| <b>Quality Assurance Workplan</b><br>Adjustment to reflect the addition of funding to support the Quality Assurance workplan and other employee services.   | 1.71 | 268,364      | -       |
| <b>Conservation Programs</b><br>Adjustment to reflect the addition of staffing and support for conservation outreach and rebate programs.   | 2.00 | 262,596      | -       |
| <b>Non-Standard Hour Personnel Funding</b><br>Adjustment to expenditures according to a zero-based annual review of non-standard hour personnel funding requirements.   | 7.03 | 252,499      | -       |
| <b>Non-Discretionary Adjustment</b><br>Adjustment to expenditure allocations that are determined outside of the department's direct control. These allocations are generally based on prior year expenditure trends and examples of these include utilities, insurance, and rent. | 0.00 | 239,232      | -       |
| <b>Customer Support Enhancements</b><br>Adjustment to reflect the addition of funding for a postage rate increase and other customer service enhancements.  | 0.00 | 208,000      | -       |
| <b>Financial Contracts</b><br>Adjustment of funding for various financial contracts including the Cost of Service Study, use of funds and bond issuance support.  | 0.00 | 204,700      | -       |
| <b>Support for Reservoir Maintenance and Operation</b><br>Addition of 2.00 Water System Technicians to support reservoir maintenance and operation.   | 2.00 | 179,298      | -       |
| <b>Public Utilities Restructure</b><br>Reallocation among funds to more accurately reflect operational expenditures as well as an adjustment due to efficiencies realized.  | 0.68 | 147,631      | -       |
| <b>Continuation of Core Operations</b><br>Adjustment to reflect the addition of staffing for the continuation of core operations.   | 1.00 | 97,854       | -       |
| <b>Program Manager</b><br>Addition of 1.00 Program Manager to coordinate and manage the Wastewater and Water Construction & Maintenance branch.   | 0.49 | 91,244       | -       |
| <b>Graphic Designer</b><br>Addition of 1.00 Graphic Designer for the Public Utilities Department.   | 0.49 | 39,628       | -       |
| <b>Reclassification of IT Expenditures</b><br>Adjustment reflects the reclassification of information technology expenditures.  | 0.00 | 33,380       | -       |
| <b>Overtime Funding</b><br>Adjustment to expenditures according to projected overtime requirements.   | 0.00 | 20,000       | -       |

# Public Utilities

## Significant Budget Adjustments (Cont'd)

|   | FTE          | Expenditures         | Revenue              |
|---|--------------|----------------------|----------------------|
| <b>Supplemental Cost of Living Adjustment (COLA)</b><br>Adjustment to reflect the allocation of the pay-go costs for the continued funding of the Supplemental COLA Benefit.  | 0.00         | 15,332               | -                    |
| <b>Equipment/Support for Information Technology</b><br>Adjustment to expenditure allocations according to a zero-based annual review of information technology funding requirements and priority analyses.  | 0.00         | (322,981)            | -                    |
| <b>Salary and Benefit Adjustments</b><br>Adjustments to reflect the annualization of the Fiscal Year 2014 negotiated salary compensation schedule, changes to savings resulting from positions to be vacant for any period of the fiscal year, retirement contributions, retiree health contributions, and labor negotiation adjustments. | 0.52         | (1,127,340)          | -                    |
| <b>One-Time Reductions and Annualizations</b><br>Adjustment to reflect the removal of one-time revenues and expenditures, and the annualization of revenues and expenditures, implemented in Fiscal Year 2014.  | 0.00         | (7,527,382)          | (3,377,269)          |
| <b>Revised Revenue</b><br>Adjustment to reflect Fiscal Year 2015 revenue projections.   | 0.00         | -                    | 45,400,800           |
| <b>Total</b>  | <b>18.65</b> | <b>\$ 22,656,495</b> | <b>\$ 42,023,531</b> |

## Expenditures by Category

|                               | FY2013<br>Actual      | FY2014<br>Budget      | FY2015<br>Proposed    | FY2014-2015<br>Change |
|-------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| <b>PERSONNEL</b>              |                       |                       |                       |                       |
| Personnel Cost                | \$ 36,685,995         | \$ 39,633,086         | \$ 40,457,947         | \$ 824,861            |
| Fringe Benefits               | 25,346,130            | 28,474,086            | 28,216,216            | (257,870)             |
| <b>PERSONNEL SUBTOTAL</b>     | <b>62,032,125</b>     | <b>68,107,172</b>     | <b>68,674,163</b>     | <b>566,991</b>        |
| <b>NON-PERSONNEL</b>          |                       |                       |                       |                       |
| Supplies                      | \$ 196,980,949        | \$ 202,392,258        | \$ 218,304,622        | \$ 15,912,364         |
| Contracts                     | 60,806,359            | 72,008,751            | 78,231,304            | 6,222,553             |
| Information Technology        | 5,508,954             | 7,823,086             | 7,436,096             | (386,990)             |
| Energy and Utilities          | 9,735,328             | 11,227,936            | 11,925,805            | 697,869               |
| Other                         | 1,985,528             | 1,993,428             | 2,113,396             | 119,968               |
| Appropriated Reserve          | -                     | 3,500,000             | 3,500,000             | -                     |
| Transfers Out                 | 70,403,324            | 69,793,546            | 68,669,735            | (1,123,811)           |
| Capital Expenditures          | 315,378               | 2,067,834             | 2,688,834             | 621,000               |
| Debt                          | 1,530,789             | 376,535               | 403,086               | 26,551                |
| <b>NON-PERSONNEL SUBTOTAL</b> | <b>347,266,609</b>    | <b>371,183,374</b>    | <b>393,272,878</b>    | <b>22,089,504</b>     |
| <b>Total</b>                  | <b>\$ 409,298,734</b> | <b>\$ 439,290,546</b> | <b>\$ 461,947,041</b> | <b>\$ 22,656,495</b>  |

# Public Utilities

## Revenues by Category

|                                 | FY2013<br>Actual      | FY2014<br>Budget      | FY2015<br>Proposed    | FY2014–2015<br>Change |
|---------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Charges for Services            | \$ 410,185,222        | \$ 412,676,269        | \$ 461,986,400        | \$ 49,310,131         |
| Fines Forfeitures and Penalties | 1,558,024             | -                     | -                     | -                     |
| Other Revenue                   | 12,120,422            | 325,000               | 325,000               | -                     |
| Property Tax Revenue            | (33,339)              | -                     | -                     | -                     |
| Rev from Federal Agencies       | 1,835,595             | -                     | -                     | -                     |
| Rev from Money and Prop         | 7,401,300             | 6,775,000             | 7,229,400             | 454,400               |
| Rev from Other Agencies         | 815,944               | 7,831,000             | 90,000                | (7,741,000)           |
| Transfers In                    | 2,857,059             | -                     | -                     | -                     |
| <b>Total</b>                    | <b>\$ 436,740,226</b> | <b>\$ 427,607,269</b> | <b>\$ 469,630,800</b> | <b>\$ 42,023,531</b>  |

## Personnel Expenditures

| Job<br>Number                   | Job Title / Wages                               | FY2013<br>Budget | FY2014<br>Budget | FY2015<br>Proposed | Salary Range        | Total      |
|---------------------------------|---|------------------|------------------|--------------------|---------------------|------------|
| <b>FTE, Salaries, and Wages</b> |   |                  |                  |                    |                     |            |
| 20000011                        | Account Clerk                                   | 4.89             | 4.89             | <b>4.89</b>        | \$31,491 - \$37,918 | \$ 181,784 |
| 20000007                        | Accountant 3                                    | 1.60             | 0.60             | <b>0.49</b>        | 59,363 - 71,760     | 35,160     |
| 20000102                        | Accountant 4                                    | 0.40             | 0.40             | <b>0.49</b>        | 66,768 - 88,982     | 43,597     |
| 20000012                        | Administrative Aide 1                           | 0.40             | 0.40             | <b>2.20</b>        | 36,962 - 44,533     | 90,911     |
| 20000024                        | Administrative Aide 2                           | 9.65             | 9.64             | <b>10.65</b>       | 42,578 - 51,334     | 521,810    |
| 20000057                        | Assistant Chemist                               | 12.00            | 12.00            | <b>13.00</b>       | 53,789 - 65,333     | 794,709    |
| 20001140                        | Assistant Department Director                   | 1.49             | 1.49             | <b>0.98</b>        | 31,741 - 173,971    | 137,204    |
| 20000072                        | Assistant Engineer-Civil                        | 1.00             | 0.00             | <b>0.00</b>        | 57,866 - 69,722     | -          |
| 20000070                        | Assistant Engineer-Civil                        | 31.07            | 24.16            | <b>24.32</b>       | 57,866 - 69,722     | 1,636,050  |
| 21000176                        | Assistant Engineer-Corrosion                    | 0.00             | 1.00             | <b>1.00</b>        | 57,866 - 69,722     | -          |
| 20000087                        | Assistant Engineer-Mechanical                   | 0.49             | 0.23             | <b>0.23</b>        | 57,866 - 69,722     | 16,033     |
| 20000041                        | Assistant Management Analyst                    | 0.49             | 0.49             | <b>0.49</b>        | 44,470 - 54,059     | 26,484     |
| 20001228                        | Assistant Metropolitan<br>Wastewater Director   | 0.49             | 0.49             | <b>0.49</b>        | 31,741 - 173,971    | 68,602     |
| 20000109                        | Assistant Reservoir Keeper                      | 8.00             | 8.00             | <b>8.00</b>        | 34,944 - 41,662     | 283,277    |
| 20000140                        | Associate Chemist                               | 4.00             | 4.25             | <b>4.25</b>        | 62,005 - 75,067     | 302,187    |
| 90000140                        | Associate Chemist - Hourly                      | 0.00             | 0.35             | <b>0.35</b>        | 62,005 - 75,067     | 26,274     |
| 20000311                        | Associate Department Human<br>Resources Analyst | 2.45             | 2.45             | <b>2.45</b>        | 54,059 - 65,333     | 149,022    |
| 20000143                        | Associate Engineer-Civil                        | 19.53            | 18.19            | <b>19.59</b>       | 66,622 - 80,454     | 1,543,948  |
| 20000145                        | Associate Engineer-Civil                        | 1.29             | 1.09             | <b>0.74</b>        | 66,622 - 80,454     | 58,957     |
| 90000143                        | Associate Engineer-Civil - Hourly               | 0.17             | 0.00             | <b>0.00</b>        | 66,622 - 80,454     | -          |
| 20000350                        | Associate Engineer-Corrosion                    | 2.00             | 2.00             | <b>2.00</b>        | 66,622 - 80,454     | 80,454     |
| 20000150                        | Associate Engineer-Electrical                   | 0.49             | 0.23             | <b>0.23</b>        | 66,622 - 80,454     | 18,503     |
| 20000154                        | Associate Engineer-Mechanical                   | 0.30             | 0.23             | <b>0.23</b>        | 66,622 - 80,454     | 15,324     |
| 20000119                        | Associate Management Analyst                    | 18.53            | 18.51            | <b>20.27</b>       | 54,059 - 65,333     | 1,151,077  |
| 20000132                        | Associate Management Analyst                    | 0.00             | 0.39             | <b>0.39</b>        | 54,059 - 65,333     | 21,084     |
| 20000137                        | Associate Management Analyst                    | 3.44             | 0.00             | <b>0.00</b>        | 54,059 - 65,333     | -          |
| 20000134                        | Associate Management Analyst                    | 0.40             | 0.40             | <b>0.49</b>        | 54,059 - 65,333     | 31,861     |
| 20000162                        | Associate Planner                               | 1.68             | 1.67             | <b>1.67</b>        | 56,722 - 68,536     | 110,979    |
| 20000655                        | Biologist 2                                     | 8.00             | 8.00             | <b>8.00</b>        | 53,726 - 65,333     | 519,724    |

# Public Utilities

## Personnel Expenditures (Cont'd)

| Job Number | Job Title / Wages                                 | FY2013 Budget | FY2014 Budget | FY2015 Proposed | Salary Range     | Total   |
|------------|---|---------------|---------------|-----------------|------------------|---------|
| 20000649   | Biologist 3                                       | 0.00          | 0.42          | <b>0.42</b>     | 62,005 - 75,067  | 12,829  |
| 20000648   | Biologist 3                                       | 2.00          | 2.00          | <b>2.00</b>     | 62,005 - 75,067  | 142,085 |
| 20000205   | Building Service Supervisor                       | 0.00          | 0.33          | <b>0.33</b>     | 45,718 - 55,286  | 16,573  |
| 20000224   | Building Service Technician                       | 0.00          | 0.33          | <b>0.33</b>     | 33,322 - 39,666  | 10,992  |
| 20000234   | Carpenter   | 2.00          | 2.00          | <b>2.00</b>     | 43,451 - 52,000  | 52,000  |
| 20000266   | Cashier   | 2.50          | 2.50          | <b>2.50</b>     | 31,491 - 37,918  | 88,602  |
| 20000236   | Cement Finisher                                   | 1.00          | 1.00          | <b>1.00</b>     | 43,451 - 52,083  | 52,083  |
| 20000539   | Clerical Assistant 2                              | 8.20          | 8.09          | <b>8.36</b>     | 29,931 - 36,067  | 259,966 |
| 20000306   | Code Compliance Officer                           | 1.50          | 2.50          | <b>1.00</b>     | 37,232 - 44,803  | 44,803  |
| 20000307   | Code Compliance Supervisor                        | 0.50          | 1.00          | <b>1.00</b>     | 42,890 - 51,334  | 46,759  |
| 20000829   | Compliance and Metering Manager                   | 1.00          | 1.00          | <b>1.00</b>     | 73,445 - 88,837  | 88,836  |
| 20000801   | Customer Information and Billing Manager          | 0.50          | 1.00          | <b>1.00</b>     | 73,445 - 88,837  | 81,135  |
| 90000801   | Customer Information and Billing Manager - Hourly | 0.17          | 0.00          | <b>0.00</b>     | 73,445 - 88,837  | -       |
| 20000369   | Customer Services Representative                  | 17.50         | 23.50         | <b>23.00</b>    | 32,968 - 39,811  | 841,850 |
| 90000369   | Customer Services Representative - Hourly         | 4.00          | 2.50          | <b>2.50</b>     | 32,968 - 39,811  | 82,420  |
| 20000366   | Customer Services Supervisor                      | 2.00          | 2.50          | <b>2.50</b>     | 57,782 - 69,784  | 168,453 |
| 20001168   | Deputy Director                                   | 4.82          | 5.03          | <b>5.03</b>     | 46,966 - 172,744 | 600,573 |
| 90001168   | Deputy Director - Hourly                          | 0.34          | 0.00          | <b>0.17</b>     | 46,966 - 172,744 | 18,675  |
| 20000430   | Equipment Operator 2                              | 11.00         | 11.00         | <b>11.00</b>    | 41,350 - 49,462  | 443,427 |
| 20000418   | Equipment Technician 1                            | 22.00         | 18.00         | <b>15.00</b>    | 36,005 - 43,139  | 642,986 |
| 20000423   | Equipment Technician 2                            | 3.00          | 2.00          | <b>2.00</b>     | 39,499 - 47,091  | 94,182  |
| 20000924   | Executive Secretary                               | 0.49          | 0.49          | <b>0.49</b>     | 43,555 - 52,666  | 25,428  |
| 90000924   | Executive Secretary - Hourly                      | 0.00          | 0.00          | <b>0.17</b>     | 43,555 - 52,666  | 7,404   |
| 20000461   | Field Representative                              | 17.02         | 16.69         | <b>17.19</b>    | 32,323 - 38,917  | 665,663 |
| 90000461   | Field Representative - Hourly                     | 3.25          | 3.25          | <b>3.25</b>     | 32,323 - 38,917  | 105,051 |
| 20000822   | Golf Course Manager                               | 2.00          | 2.00          | <b>2.00</b>     | 59,488 - 71,760  | 142,728 |
| 90000819   | Golf Course Manager - Hourly                      | 0.29          | 0.26          | <b>0.25</b>     | 59,488 - 71,760  | 17,940  |
| 20000487   | Graphic Designer                                  | 0.00          | 0.00          | <b>0.49</b>     | 43,264 - 51,979  | 21,199  |
| 20000501   | Heavy Truck Driver 2                              | 2.00          | 2.00          | <b>2.00</b>     | 37,565 - 45,302  | 44,622  |
| 20000513   | Hydrography Aide                                  | 1.00          | 1.00          | <b>1.00</b>     | 42,536 - 51,251  | 51,251  |
| 20000178   | Information Systems Administrator                 | 0.47          | 0.47          | <b>0.47</b>     | 73,466 - 88,982  | 41,821  |
| 20000290   | Information Systems Analyst 2                     | 5.20          | 5.23          | <b>5.23</b>     | 54,059 - 65,333  | 336,416 |
| 20000293   | Information Systems Analyst 3                     | 3.29          | 3.29          | <b>3.29</b>     | 59,363 - 71,760  | 190,672 |
| 20000998   | Information Systems Analyst 4                     | 2.35          | 1.88          | <b>1.88</b>     | 66,768 - 80,891  | 152,064 |
| 20000514   | Instrumentation and Control Supervisor            | 1.00          | 1.00          | <b>1.00</b>     | 56,410 - 68,224  | 68,057  |
| 20000515   | Instrumentation and Control Technician            | 8.00          | 8.00          | <b>8.00</b>     | 51,896 - 62,296  | 429,148 |
| 20000497   | Irrigation Specialist                             | 2.52          | 2.19          | <b>4.19</b>     | 37,814 - 45,261  | 173,437 |



# Public Utilities

## Personnel Expenditures (Cont'd)

| Job Number | Job Title / Wages                           | FY2013 Budget | FY2014 Budget | FY2015 Proposed | Salary Range     | Total   |
|------------|---|---------------|---------------|-----------------|------------------|---------|
| 20000590   | Laboratory Technician                       | 9.00          | 9.00          | <b>10.00</b>    | 40,622 - 49,067  | 292,440 |
| 90000589   | Laborer - Hourly                            | 2.94          | 3.00          | <b>8.50</b>     | 29,182 - 34,757  | 248,052 |
| 20000579   | Lake Aide 1                                 | 1.00          | 1.00          | <b>0.00</b>     | 23,483 - 27,768  | (11)    |
| 90000579   | Lake Aide 1 - Hourly                        | 7.84          | 8.00          | <b>6.00</b>     | 23,483 - 27,768  | 140,900 |
| 20000564   | Lake Aide 2                                 | 13.00         | 13.00         | <b>13.00</b>    | 27,602 - 32,677  | 375,811 |
| 20000616   | Lakes Program Manager                       | 1.00          | 1.00          | <b>1.00</b>     | 73,466 - 88,941  | 88,941  |
| 90001073   | Management Intern - Hourly                  | 5.44          | 4.77          | <b>8.09</b>     | 24,274 - 29,203  | 196,371 |
| 20000028   | Management Trainee                          | 0.00          | 0.00          | <b>0.09</b>     | 38,750 - 46,738  | 4,223   |
| 20000622   | Marine Mechanic                             | 1.00          | 1.00          | <b>1.00</b>     | 44,366 - 53,206  | 53,206  |
| 20000165   | Multimedia Production Specialist            | 0.84          | 0.73          | <b>0.73</b>     | 43,264 - 51,979  | 37,941  |
| 20000634   | Organization Effectiveness Specialist 2     | 1.38          | 1.47          | <b>1.47</b>     | 54,059 - 65,333  | 95,739  |
| 20000627   | Organization Effectiveness Specialist 3     | 0.49          | 0.49          | <b>0.88</b>     | 59,363 - 71,760  | 58,308  |
| 20000639   | Organization Effectiveness Supervisor       | 0.49          | 0.49          | <b>0.49</b>     | 66,768 - 80,891  | 39,636  |
| 20000680   | Payroll Specialist 2                        | 4.90          | 4.90          | <b>4.90</b>     | 34,611 - 41,787  | 204,136 |
| 20000173   | Payroll Supervisor                          | 0.98          | 0.98          | <b>0.98</b>     | 39,686 - 48,069  | 46,759  |
| 20000701   | Plant Process Control Electrician           | 4.84          | 4.00          | <b>4.00</b>     | 51,896 - 62,296  | 249,184 |
| 20000705   | Plant Process Control Supervisor            | 0.98          | 0.49          | <b>0.49</b>     | 56,410 - 68,224  | 30,431  |
| 20000703   | Plant Process Control Supervisor            | 1.00          | 1.00          | <b>1.00</b>     | 56,410 - 68,224  | 68,224  |
| 90000733   | Power Plant Supervisor - Hourly             | 0.17          | 0.00          | <b>0.00</b>     | 55,141 - 66,581  | -       |
| 21000184   | Prin Backflow & Cross Connection Specialist | 0.00          | 0.73          | <b>0.73</b>     | 50,003 - 60,549  | 43,547  |
| 20000740   | Principal Drafting Aide                     | 1.96          | 2.47          | <b>2.47</b>     | 50,003 - 60,549  | 147,290 |
| 21000100   | Principal Engineering Aide                  | 0.84          | 0.00          | <b>0.00</b>     | 50,003 - 60,549  | -       |
| 20000746   | Principal Engineering Aide                  | 1.00          | 1.00          | <b>1.00</b>     | 50,003 - 60,549  | 59,338  |
| 20000743   | Principal Engineering Aide                  | 6.33          | 6.32          | <b>6.40</b>     | 50,003 - 60,549  | 386,866 |
| 20001222   | Program Manager                             | 4.45          | 4.83          | <b>6.80</b>     | 46,966 - 172,744 | 660,070 |
| 20000760   | Project Assistant                           | 0.00          | 0.21          | <b>0.21</b>     | 57,866 - 69,722  | 14,641  |
| 20000761   | Project Officer 1                           | 0.00          | 0.42          | <b>0.42</b>     | 66,622 - 80,454  | 33,288  |
| 90000761   | Project Officer 1 - Hourly                  | 0.29          | 0.25          | <b>0.25</b>     | 66,622 - 80,454  | 20,114  |
| 20000763   | Project Officer 2                           | 0.49          | 0.44          | <b>0.44</b>     | 76,794 - 92,851  | 40,542  |
| 20000766   | Project Officer 2                           | 1.68          | 1.46          | <b>1.46</b>     | 76,794 - 92,851  | 135,568 |
| 20000783   | Public Information Clerk                    | 2.20          | 2.53          | <b>2.71</b>     | 31,491 - 37,918  | 102,763 |
| 20000784   | Public Information Officer                  | 0.00          | 0.00          | <b>0.50</b>     | 43,514 - 52,707  | 21,757  |
| 20001150   | Public Utilities Director                   | 0.49          | 0.49          | <b>0.49</b>     | 59,155 - 224,099 | 92,122  |
| 20000373   | Ranger/Diver 1                              | 3.00          | 3.00          | <b>3.00</b>     | 42,494 - 51,272  | 142,627 |
| 90000373   | Ranger/Diver 1 - Hourly                     | 0.35          | 0.35          | <b>0.35</b>     | 42,494 - 51,272  | 14,873  |
| 20000375   | Ranger/Diver 2                              | 2.00          | 2.00          | <b>2.00</b>     | 46,634 - 56,347  | 112,694 |
| 20000376   | Ranger/Diver Supervisor                     | 1.00          | 1.00          | <b>1.00</b>     | 53,726 - 64,958  | 64,958  |
| 20000559   | Recycling Program Manager                   | 0.84          | 0.73          | <b>0.73</b>     | 76,731 - 92,893  | 67,813  |
| 20000560   | Recycling Program Manager                   | 0.49          | 0.49          | <b>0.49</b>     | 76,731 - 92,893  | -       |
| 20000840   | Reservoir Keeper                            | 8.00          | 8.00          | <b>8.00</b>     | 40,019 - 47,819  | 370,321 |



# Public Utilities

## Personnel Expenditures (Cont'd)

| Job Number | Job Title / Wages                                | FY2013 Budget | FY2014 Budget | FY2015 Proposed | Salary Range    | Total   |
|------------|--|---------------|---------------|-----------------|-----------------|---------|
| 20000847   | Safety Officer                                   | 0.98          | 0.98          | <b>0.98</b>     | 57,907 - 69,930 | 67,844  |
| 20000854   | Safety Representative 2                          | 4.41          | 4.74          | <b>4.74</b>     | 50,461 - 61,027 | 282,463 |
| 20001042   | Safety and Training Manager                      | 1.47          | 1.47          | <b>1.47</b>     | 66,768 - 80,891 | 39,636  |
| 20000869   | Senior Account Clerk                             | 0.80          | 0.80          | <b>0.80</b>     | 36,067 - 43,514 | 34,456  |
| 21000183   | Senior Backflow & Cross Connection Specialist    | 0.00          | 10.38         | <b>12.38</b>    | 44,429 - 53,706 | 487,146 |
| 20000828   | Senior Biologist                                 | 0.84          | 1.23          | <b>1.23</b>     | 71,760 - 86,466 | 106,357 |
| 20000883   | Senior Chemist                                   | 1.00          | 1.25          | <b>1.25</b>     | 71,739 - 86,466 | 107,648 |
| 20000885   | Senior Civil Engineer                            | 6.46          | 4.37          | <b>4.87</b>     | 76,794 - 92,851 | 441,555 |
| 20000890   | Senior Civil Engineer                            | 0.00          | 0.00          | <b>0.49</b>     | 76,794 - 92,851 | 37,634  |
| 90000885   | Senior Civil Engineer - Hourly                   | 0.29          | 0.00          | <b>0.00</b>     | 76,794 - 92,851 | -       |
| 20000927   | Senior Clerk/Typist                              | 0.49          | 0.49          | <b>0.00</b>     | 36,067 - 43,514 | -       |
| 21000185   | Senior Corrosion Specialist                      | 0.00          | 1.00          | <b>1.00</b>     | 76,794 - 92,851 | 92,851  |
| 20000898   | Senior Customer Services Representative          | 3.00          | 3.00          | <b>3.50</b>     | 37,835 - 45,781 | 160,226 |
| 90000898   | Senior Customer Services Representative - Hourly | 0.17          | 0.00          | <b>0.00</b>     | 37,835 - 45,781 | -       |
| 20000312   | Senior Department Human Resources Analyst        | 0.49          | 0.49          | <b>0.49</b>     | 59,363 - 71,760 | 35,166  |
| 20000400   | Senior Drafting Aide                             | 3.83          | 3.83          | <b>3.92</b>     | 44,429 - 53,706 | 196,648 |
| 20000906   | Senior Electrical Engineer                       | 1.00          | 0.00          | <b>0.00</b>     | 76,794 - 92,851 | -       |
| 20000902   | Senior Engineering Aide                          | 7.20          | 0.00          | <b>0.00</b>     | 44,429 - 53,706 | -       |
| 20000900   | Senior Engineering Aide                          | 1.00          | 0.50          | <b>0.00</b>     | 44,429 - 53,706 | -       |
| 20000015   | Senior Management Analyst                        | 10.33         | 10.51         | <b>10.37</b>    | 59,363 - 71,760 | 706,664 |
| 90000015   | Senior Management Analyst - Hourly               | 0.17          | 0.00          | <b>0.00</b>     | 59,363 - 71,760 | -       |
| 20000918   | Senior Planner                                   | 0.84          | 0.94          | <b>0.94</b>     | 65,354 - 79,019 | 71,653  |
| 20000920   | Senior Planner                                   | 2.52          | 2.19          | <b>2.19</b>     | 65,354 - 79,019 | 168,303 |
| 20000708   | Senior Plant Technician Supervisor               | 0.98          | 0.49          | <b>0.49</b>     | 60,070 - 72,467 | 34,971  |
| 20000916   | Senior Public Information Officer                | 1.82          | 1.71          | <b>1.22</b>     | 54,059 - 65,333 | 77,461  |
| 21000178   | Senior Water Distribution Operations Supervisor  | 0.00          | 1.00          | <b>1.00</b>     | 77,293 - 93,517 | 89,190  |
| 21000150   | Senior Water Operations Supervisor               | 1.00          | 0.00          | <b>0.00</b>     | 77,293 - 93,517 | -       |
| 20001060   | Senior Water Operations Supervisor               | 3.00          | 3.00          | <b>3.00</b>     | 77,293 - 93,517 | 277,278 |
| 20000950   | Stock Clerk                                      | 0.00          | 0.33          | <b>0.33</b>     | 30,056 - 36,275 | 11,975  |
| 20000955   | Storekeeper 1                                    | 0.00          | 0.33          | <b>0.33</b>     | 34,611 - 41,517 | 13,703  |
| 90000964   | Student Engineer - Hourly                        | 1.04          | 0.00          | <b>1.23</b>     | 26,707 - 32,011 | 32,851  |
| 90001146   | Student Intern - Hourly                          | 0.49          | 0.70          | <b>0.00</b>     | 18,616 - 22,318 | -       |
| 20000313   | Supervising Department Human Resources Analyst   | 0.49          | 0.49          | <b>0.49</b>     | 66,768 - 80,891 | 39,636  |
| 20000995   | Supervising Economist                            | 0.36          | 0.36          | <b>0.36</b>     | 66,768 - 80,891 | 29,124  |
| 20000990   | Supervising Field Representative                 | 1.34          | 1.23          | <b>1.23</b>     | 35,651 - 42,890 | 31,298  |

# Public Utilities

## Personnel Expenditures (Cont'd)

| Job Number                               | Job Title / Wages                        | FY2013 Budget | FY2014 Budget | FY2015 Proposed | Salary Range    | Total                |
|--|--|---------------|---------------|-----------------|-----------------|----------------------|
| 20000970                                 | Supervising Management Analyst           | 4.93          | 4.71          | <b>5.13</b>     | 66,768 - 80,891 | 407,429              |
| 20000985                                 | Supervising Management Analyst           | 0.84          | 0.73          | <b>0.73</b>     | 66,768 - 80,891 | 59,051               |
| 20000997                                 | Supervising Meter Reader                 | 2.00          | 2.00          | <b>1.50</b>     | 37,253 - 44,720 | 67,074               |
| 90000997                                 | Supervising Meter Reader - Hourly        | 0.17          | 0.00          | <b>0.00</b>     | 37,253 - 44,720 | -                    |
| 20001021                                 | Supervising Public Information Officer   | 2.34          | 1.47          | <b>1.47</b>     | 59,363 - 71,760 | 105,498              |
| 21000177                                 | Trainer                                  | 0.00          | 3.44          | <b>3.96</b>     | 54,059 - 65,333 | 241,960              |
| 20001041                                 | Training Supervisor                      | 0.49          | 0.49          | <b>0.39</b>     | 59,363 - 71,760 | 27,990               |
| 20000317                                 | Water Distribution Operations Supervisor | 1.00          | 1.00          | <b>1.00</b>     | 54,766 - 65,374 | 65,374               |
| 20000316                                 | Water Distribution Operator              | 6.00          | 6.00          | <b>6.00</b>     | 47,632 - 56,867 | 333,839              |
| 20001059                                 | Water Operations Supervisor              | 3.00          | 3.00          | <b>3.00</b>     | 68,037 - 81,307 | 243,921              |
| 20001061                                 | Water Plant Operator                     | 24.00         | 24.00         | <b>24.00</b>    | 59,134 - 70,699 | 1,612,782            |
| 20000932                                 | Water Production Superintendent          | 2.00          | 2.00          | <b>2.00</b>     | 81,578 - 98,675 | 191,621              |
| 90000932                                 | Water Production Superintendent - Hourly | 0.00          | 0.00          | <b>0.35</b>     | 81,578 - 98,675 | 28,552               |
| 20000006                                 | Water Systems District Manager           | 3.00          | 3.00          | <b>3.00</b>     | 62,504 - 75,130 | 222,062              |
| 20000003                                 | Water Systems Technician 3               | 152.00        | 157.00        | <b>159.00</b>   | 41,454 - 49,504 | 6,548,043            |
| 20000004                                 | Water Systems Technician 4               | 54.00         | 54.00         | <b>56.00</b>    | 47,632 - 56,867 | 2,855,511            |
| 20000005                                 | Water Systems Technician Supervisor      | 17.00         | 17.00         | <b>17.00</b>    | 54,766 - 65,374 | 1,091,653            |
| 20001058                                 | Welder                                   | 2.00          | 2.00          | <b>2.00</b>     | 44,366 - 53,206 | 106,412              |
| 20000756                                 | Word Processing Operator                 | 16.00         | 15.38         | <b>11.98</b>    | 31,491 - 37,918 | 381,481              |
|  | AWWA WDP Cert Pay                        |               |               |                 |                 | 31,616               |
|  | Backflow Cert                            |               |               |                 |                 | 8,320                |
|  | Bilingual - Regular                      |               |               |                 |                 | 27,797               |
|  | Cross Connection Cert                    |               |               |                 |                 | 9,360                |
|  | Emergency Medical Tech                   |               |               |                 |                 | 28,489               |
|  | Exceptional Performance Pay-Classified   |               |               |                 |                 | 18,949               |
|  | Exceptional Performance Pay-Unclassified |               |               |                 |                 | 1,832                |
|  | Geographic Info Cert Pay                 |               |               |                 |                 | 5,990                |
|  | Night Shift Pay                          |               |               |                 |                 | 16,739               |
|  | Overtime Budgeted                        |               |               |                 |                 | 2,544,363            |
|  | Plant/Tank Vol Cert Pay                  |               |               |                 |                 | 26,698               |
|  | Reg Pay For Engineers                    |               |               |                 |                 | 277,532              |
|  | Split Shift Pay                          |               |               |                 |                 | 92,013               |
|  | Termination Pay Annual Leave             |               |               |                 |                 | 43,509               |
|  | Vacation Pay In Lieu                     |               |               |                 |                 | 165,000              |
|  | Welding Certification                    |               |               |                 |                 | 11,345               |
| <b>FTE, Salaries, and Wages Subtotal</b> |  | <b>708.44</b> | <b>703.07</b> | <b>721.72</b>   |                 | <b>\$ 40,457,947</b> |

# Public Utilities

|                                     | FY2013<br>Actual     | FY2014<br>Budget     | FY2015<br>Proposed   | FY2014–2015<br>Change |
|-------------------------------------|----------------------|----------------------|----------------------|-----------------------|
| <b>Fringe Benefits</b>              |                      |                      |                      |                       |
| Employee Offset Savings             | \$ 247,231           | \$ 308,832           | \$ 256,815           | \$ (52,017)           |
| Flexible Benefits                   | 3,684,049            | 4,377,261            | 4,950,699            | 573,438               |
| Long-Term Disability                | 203,889              | 196,160              | 128,365              | (67,795)              |
| Medicare                            | 559,165              | 474,801              | 493,995              | 19,194                |
| Other                               | 499                  | -                    | -                    | -                     |
| Other Post-Employment Benefits      | 4,053,870            | 4,033,128            | 4,053,468            | 20,340                |
| Retiree Medical Trust               | 5,660                | 4,578                | 8,438                | 3,860                 |
| Retirement 401 Plan                 | 20,558               | 18,109               | 22,825               | 4,716                 |
| Retirement ADC                      | 12,354,620           | 14,837,821           | 14,154,178           | (683,643)             |
| Retirement DROP                     | 113,945              | 113,189              | 113,275              | 86                    |
| Retirement Offset Contribution      | 67,051               | -                    | -                    | -                     |
| Risk Management Administration      | 650,303              | 611,756              | 685,671              | 73,915                |
| Supplemental Pension Savings Plan   | 2,032,791            | 1,960,033            | 2,040,631            | 80,598                |
| Unemployment Insurance              | 103,956              | 104,013              | 73,283               | (30,730)              |
| Unused Sick Leave                   | (1)                  | -                    | -                    | -                     |
| Workers' Compensation               | 1,248,545            | 1,434,405            | 1,234,573            | (199,832)             |
| <b>Fringe Benefits Subtotal</b>     | <b>\$ 25,346,130</b> | <b>\$ 28,474,086</b> | <b>\$ 28,216,216</b> | <b>\$ (257,870)</b>   |
| <b>Total Personnel Expenditures</b> |                      |                      | <b>\$ 68,674,163</b> |                       |

# Public Utilities

## Revenue and Expense Statement (Non-General Fund)

| Sewer Funds                                      | FY201<br>Actual       | FY2014*<br>Budget     | FY2015<br>Proposed    |
|--|-----------------------|-----------------------|-----------------------|
| <b>BEGINNING BALANCE AND RESERVES</b>            |                       |                       |                       |
| Balance from Prior Year                          | \$ 113,084,111        | \$ 171,467,150        | \$ 198,553,769        |
| Continuing Appropriations - CIP                  | 212,412,636           | 149,033,723           | 97,016,137            |
| Dedicated Reserve (DRES)                         | 28,681,368            | 27,021,285            | —                     |
| Capital Reserve                                  | 5,000,000             | 5,000,000             | 5,000,000             |
| Operating Reserve/Contingency                    | 39,531,010            | 43,723,781            | 43,314,185            |
| Rate Stabilization Reserve                       | 21,300,000            | 21,300,000            | 21,300,000            |
| Employee Efficiency Incentive Reserve            | 5,418,562             | 5,418,562             | —                     |
| <b>TOTAL BALANCE AND RESERVES</b>                | <b>\$ 425,427,687</b> | <b>\$ 422,964,501</b> | <b>\$ 365,184,091</b> |
| <b>REVENUE</b>                                   |                       |                       |                       |
| Capacity Charges                                 | \$ 14,041,093         | \$ 9,000,000          | \$ 11,000,000         |
| Electrical Cogeneration                          | 1,520,193             | 1,406,000             | 1,406,000             |
| Grant Receipts                                   | 8,797                 | —                     | —                     |
| Interest Earnings                                | 2,512,734             | 1,200,000             | 900,000               |
| Land & Building Rentals                          | —                     | 23,000                | —                     |
| Other Revenue                                    | 6,751,142             | 328,844               | 297,400               |
| Services Rendered to Others                      | 7,273,970             | 8,795,000             | 8,758,000             |
| Sewage Treatment Plant Services                  | 67,311,542            | 65,000,000            | 65,000,000            |
| Sewer Service Charges                            | 288,843,627           | 289,709,000           | 289,788,000           |
| State Revolving Fund Proceeds                    | 19,462,817            | 33,694,000            | 38,481,700            |
| <b>TOTAL REVENUE</b>                             | <b>\$ 407,725,915</b> | <b>\$ 409,155,844</b> | <b>\$ 415,631,100</b> |
| <b>TOTAL BALANCE, RESERVES, AND REVENUE</b>      | <b>\$ 833,153,602</b> | <b>\$ 832,120,345</b> | <b>\$ 780,815,191</b> |
| <b>CAPITAL IMPROVEMENT PROGRAM (CIP) EXPENSE</b> |                       |                       |                       |
| CIP Expenditures                                 | \$ 112,928,065        | \$ 72,217,229         | \$ 113,848,208        |
| <b>TOTAL CIP EXPENSE</b>                         | <b>\$ 112,928,065</b> | <b>\$ 72,217,229</b>  | <b>\$ 113,848,208</b> |
| <b>OPERATING EXPENSE</b>                         |                       |                       |                       |
| Debt Service                                     | \$ 96,907,633         | \$ 102,483,544        | \$ 102,486,244        |
| Department Expenditures                          | 211,849,343           | 229,352,538           | 234,599,681           |
| State Revolving Fund Loan Expense                | 6,030,624             | 7,533,412             | 10,372,900            |
| <b>TOTAL OPERATING EXPENSE</b>                   | <b>\$ 314,787,600</b> | <b>\$ 339,369,494</b> | <b>\$ 347,458,825</b> |
| <b>EXPENDITURE OF PRIOR YEAR FUNDS</b>           |                       |                       |                       |
| CIP Expenditures                                 | \$ —                  | \$ 49,302,761         | \$ —                  |
| <b>TOTAL EXPENDITURE OF PRIOR YEAR FUNDS</b>     | <b>\$ —</b>           | <b>\$ 49,302,761</b>  | <b>\$ —</b>           |
| <b>TOTAL EXPENSE</b>                             | <b>\$ 427,715,665</b> | <b>\$ 460,889,484</b> | <b>\$ 461,307,033</b> |
| <b>RESERVES</b>                                  |                       |                       |                       |
| Continuing Appropriations - CIP                  | \$ 148,883,275        | \$ 126,752,247        | \$ 97,016,137         |
| Dedicated Reserve (DRES)                         | 27,043,918            | —                     | —                     |
| Employee Efficiency Incentive Reserve            | 5,418,562             | 5,418,562             | —                     |
| Capital Reserve                                  | 5,000,000             | 5,000,000             | 5,000,000             |

# Public Utilities

## Revenue and Expense Statement (Non-General Fund)

| Sewer Funds                                 | FY201<br>Actual       | FY2014 <sup>*</sup><br>Budget | FY2015<br>Proposed    |
|---|-----------------------|-------------------------------|-----------------------|
| Operating Reserve/Contingency               | 43,723,781            | 43,314,185                    | 44,320,487            |
| Rate Stabilization Reserve                  | 21,300,000            | 21,300,000                    | 21,300,000            |
| <b>TOTAL RESERVES</b>                       | <b>\$ 251,369,536</b> | <b>\$ 201,784,994</b>         | <b>\$ 167,636,624</b> |
| <b>BALANCE</b>                              | <b>\$ 154,068,401</b> | <b>\$ 169,445,867</b>         | <b>\$ 151,871,534</b> |
| <b>TOTAL BALANCE, RESERVES, AND EXPENSE</b> | <b>\$ 833,153,602</b> | <b>\$ 832,120,345</b>         | <b>\$ 780,815,191</b> |

<sup>\*</sup> At the time of publication, audited financial statements for Fiscal Year 2014 were not available. Therefore, the Fiscal Year 2014 column reflects final budget amounts from the Fiscal Year 2014 Adopted Budget. As such, current fiscal year balances and reserves are estimates of carryover from the previous fiscal year.

<sup>1</sup> Fiscal Year 2013 Actual amounts based on Supplemental Schedules prepared by the Office of the City Comptroller.

# Public Utilities

## Revenue and Expense Statement (Non-General Fund)

| Water Utility Operating Fund                     | FY2013<br>Actual      | FY2014*<br>Budget     | FY2015<br>Proposed    |
|--|-----------------------|-----------------------|-----------------------|
| <b>BEGINNING BALANCE AND RESERVES</b>            |                       |                       |                       |
| Balance from Prior Year                          | \$ 86,873,282         | \$ 42,271,042         | \$ 94,049,954         |
| Continuing Appropriations - CIP                  | 147,106,317           | 147,903,119           | 75,744,564            |
| DRES   | 21,392,908            | 26,885,011            | —                     |
| Capital Reserve                                  | 5,000,000             | 5,000,000             | 5,000,000             |
| Operating Reserve/Contingency                    | 29,556,542            | 29,492,988            | 30,662,165            |
| Rate Stabilization Reserve                       | 50,300,000            | 38,500,000            | 20,500,000            |
| Secondary Purchase Reserve                       | 12,503,886            | 12,314,908            | 12,544,476            |
| Employee Efficiency Incentive Reserve            | 1,820,045             | 1,949,387             | —                     |
| <b>TOTAL BALANCE AND RESERVES</b>                | <b>\$ 354,552,980</b> | <b>\$ 304,316,455</b> | <b>\$ 238,501,159</b> |
| <b>REVENUE</b>                                   |                       |                       |                       |
| Capacity Charges                                 | \$ 11,704,419         | \$ 8,152,000          | \$ 10,000,000         |
| Financing Proceeds                               | 10,099,252            | —                     | —                     |
| Grants Receipts                                  | 2,944,707             | 644,000               | 90,000                |
| Interest Earnings                                | 1,946,662             | 1,000,000             | 800,000               |
| Land and Building Rentals                        | 5,893,343             | 5,809,000             | 6,429,400             |
| New Water Service                                | 503,017               | 300,000               | 320,000               |
| Other Revenue                                    | 6,717,218             | 4,013,269             | 586,000               |
| Reclaimed Water                                  | 4,558,756             | 7,150,000             | 5,000,000             |
| Sale of Water                                    | 394,184,356           | 385,900,000           | 438,813,400           |
| Service Charges                                  | 1,146,820             | 1,216,000             | 1,216,000             |
| Services Rendered to Others                      | 6,875,364             | 6,236,000             | 6,376,000             |
| State Revolving Fund Loan Proceeds               | 1,622,678             | 7,187,000             | —                     |
| <b>TOTAL REVENUE</b>                             | <b>\$ 448,196,592</b> | <b>\$ 427,607,269</b> | <b>\$ 469,630,800</b> |
| <b>TOTAL BALANCE, RESERVES, AND REVENUE</b>      | <b>\$ 802,749,572</b> | <b>\$ 731,923,724</b> | <b>\$ 708,131,959</b> |
| <b>CAPITAL IMPROVEMENT PROGRAM (CIP) EXPENSE</b> |                       |                       |                       |
| CIP Expenditures                                 | \$ 73,601,040         | \$ 46,596,937         | \$ 99,801,601         |
| <b>TOTAL CIP EXPENSE</b>                         | <b>\$ 73,601,040</b>  | <b>\$ 46,596,937</b>  | <b>\$ 99,801,601</b>  |
| <b>OPERATING EXPENSE</b>                         |                       |                       |                       |
| Debt Service                                     | \$ 58,650,380         | \$ 62,119,556         | \$ 62,123,844         |
| Department Expenditures                          | 138,858,169           | 163,381,287           | 168,048,157           |
| State Revolving Fund Loan Expense                | 5,579,633             | 4,715,109             | 5,415,500             |
| Water Purchases (Commodity)                      | 183,742,490           | 184,682,097           | 201,284,386           |
| Water Purchases (Fixed Charges)                  | 24,173,495            | 24,392,497            | 25,075,154            |
| <b>TOTAL OPERATING EXPENSE</b>                   | <b>\$ 411,004,167</b> | <b>\$ 439,290,546</b> | <b>\$ 461,947,041</b> |
| <b>EXPENDITURE OF PRIOR YEAR FUNDS</b>           |                       |                       |                       |
| CIP Expenditures                                 | \$ —                  | \$ 41,757,881         | \$ —                  |
| <b>TOTAL EXPENDITURE OF PRIOR YEAR FUNDS</b>     | <b>\$ —</b>           | <b>\$ 41,757,881</b>  | <b>\$ —</b>           |
| <b>TOTAL EXPENSE</b>                             | <b>\$ 484,605,207</b> | <b>\$ 527,645,364</b> | <b>\$ 561,748,642</b> |

# Public Utilities

## Revenue and Expense Statement (Non-General Fund)

| Water Utility Operating Fund                | FY2013<br>Actual      | FY2014 <sup>*</sup><br>Budget | FY2015<br>Proposed    |
|---|-----------------------|-------------------------------|-----------------------|
| <b>RESERVES</b>                             |                       |                               |                       |
| Continuing Appropriation - CIP              | \$ 147,312,722        | \$ 133,030,249                | \$ 75,744,564         |
| Dedicated Reserve (DRES)                    | 29,901,772            | —                             | —                     |
| Employee Efficiency Incentive Reserve       | 1,949,387             | 1,949,387                     | —                     |
| Capital Reserve                             | 5,000,000             | 5,000,000                     | 5,000,000             |
| Operating Reserve/Contingency               | 29,492,988            | 30,662,165                    | 31,557,181            |
| Rate Stabilization Reserve                  | 38,500,000            | 20,500,000                    | 20,500,000            |
| Secondary Purchase Reserve                  | 12,314,908            | 12,544,476                    | 13,581,572            |
| <b>TOTAL RESERVES</b>                       | <b>\$ 264,471,777</b> | <b>\$ 203,686,277</b>         | <b>\$ 146,383,317</b> |
| <b>BALANCE</b>                              | <b>\$ 53,672,588</b>  | <b>\$ 592,083</b>             | <b>\$ —</b>           |
| <b>TOTAL BALANCE, RESERVES, AND EXPENSE</b> | <b>\$ 802,749,572</b> | <b>\$ 731,923,724</b>         | <b>\$ 708,131,959</b> |

\* At the time of publication, audited financial statements for Fiscal Year 2014 were not available. Therefore, the Fiscal Year 2014 column reflects final budget amounts from the Fiscal Year 2014 Adopted Budget. As such, current fiscal year balances and reserves are estimates of carryover from the previous fiscal year.

<sup>1</sup>Fiscal Year 2013 Actual amounts based on Supplemental Schedules prepared by the Office of the City Comptroller.



**Page Intentionally Left Blank**